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Subject: Need 3D Graphics Help

Posted by [vern.stark](#) on Thu, 22 Dec 1994 16:32:27 GMT

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I need to generate 3D visualizations and am hoping that the 3D tools PV-WAVE has are adequate. I'm unfamiliar with the 3D portion of PV-WAVE and would appreciate any suggestions. Moreover, if anyone has code they're willing to share, that would be highly valuable.

My data are ocean temperature as a function of latitude, longitude, and depth. There are two types of displays I need to create with these data:

1. A 3D color display showing the temperatures on the exterior of the ocean volume (a cube). I also need a widget that allows one to rotate this volume and zoom.
2. I'd like to be able to remove data with values in a certain range and then display the remaining volume. This volume is no longer a simple cube as in case 1 above but is irregularly shaped.

Thanks in advance for your help.

Vern Stark (E-mail [vern.stark@jhuapl.edu](mailto:vern.stark@jhuapl.edu))

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