Subject: Blanking out parts of a surface plot.
Posted by andrew on Tue, 28 Nov 1995 08:00:00 GMT
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I am working with oceanographic data for coastal regions. My data is
often gridded on regular grids (arrays) where the land points are
simply represented as some defined 'null' value. When I do a surface
and more particularly a shade_surf in PVWAVE the land sea interface is
always some rediculous gradient contour. My attempts so far have included
setting all the land values for the shade_surface image to black but you
still get a gradient between the sea and land. What I need is a routine
that produces a surface considering only the points I want. Is this asking
too much or am I not smart enough to see some obvious way to do this (don't
answer that). I have tried using shade_surf_irr but I don't think this is
what I need.

Any help or hints or ready-to-run free-of-charge source code would be
greatly appreciated.

Thank you.