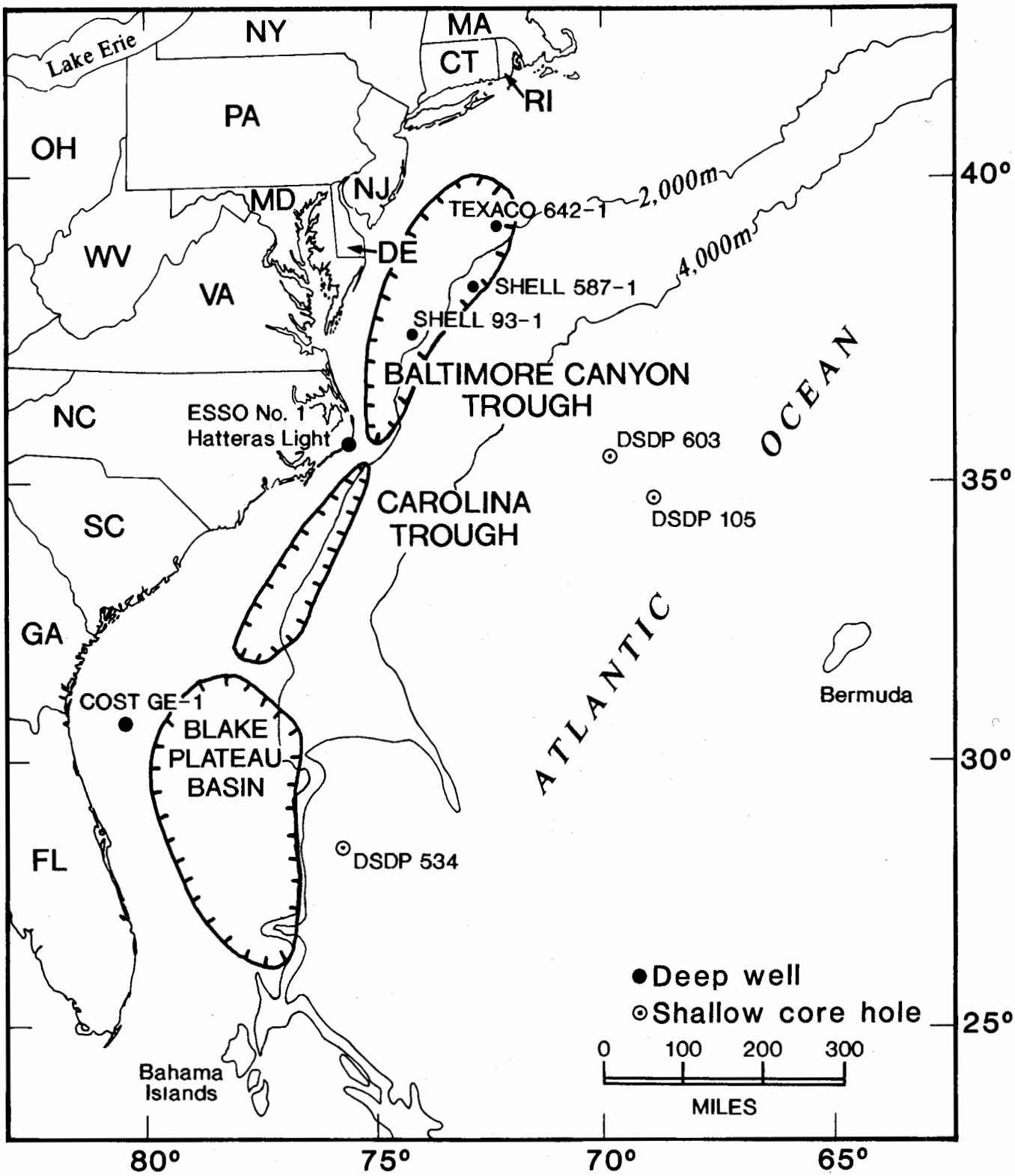


**Figure 1** -- Map of the South Atlantic showing the location of the Carolina Trough and adjacent basins and the surrounding key deep wells and shallow core holes.