

MID-ATLANTIC BOTTOM TOPOGRAPHY

This map has been prepared from digital data bases of topography, bathymetry, coastline, and political boundaries. The quality of the digital data varies within a particular data base and from one data base to another. Coastline for the map is based on a modified version of U.S. Geological Survey (USGS) land use/land cover digital coastline files. State boundaries are from the USGS National Mapping Division, National Atlas files. The bathymetric contours have been digitized from the National Oceanic and Atmospheric Administration (NOAA), National Ocean Service bathymetric map of the northeastern United States offshore area (sheet number XCD-37). Topographic contours have been generated by computer using a modified version of 3 arc-second elevation data provided by the Defense Mapping Agency (DMA) except in the Richmond, Virginia area (between 37 and 38 degrees north latitude). In this region the digital elevation file was inadequate and the topographic contours were digitized from USGS 1:250,000-scale topographic sheets.

Topographic contour interval is 200 meters, with supplementary contours at 10, 50, and 100 meters. Bathymetric contour interval is 100 meters, with supplementary contours at 20, 40, 60, 80, 120, 140, 160, and 180 meters.

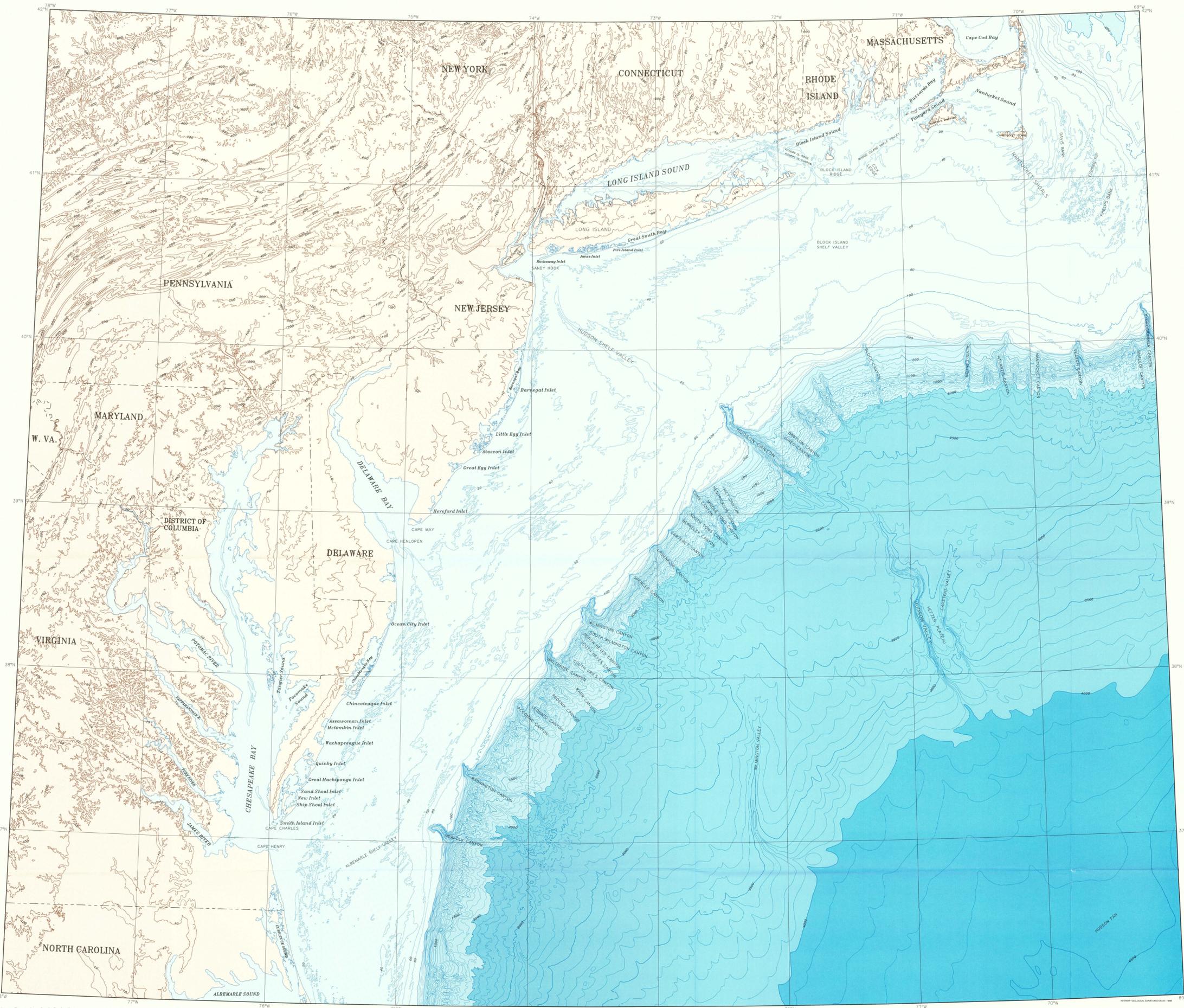
The Gazetteer of Underses Features (1987 update) published by DMA, Washington, D.C. was the primary source for names of the sea floor features shown on this map.

ACKNOWLEDGEMENTS

Digital data bases used to prepare this map were corrected and verified by Murel Grim and Christina Lief. Gerald Evenden developed the computer software system, MAPGEN, used to compose this map. Advice provided by Will Stettner regarding the cartographic design substantially improved the quality of this map.

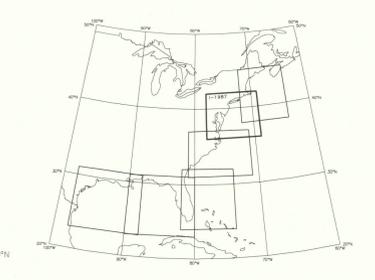
EXPLANATION OF MAP COLORS

SCALE IN METERS

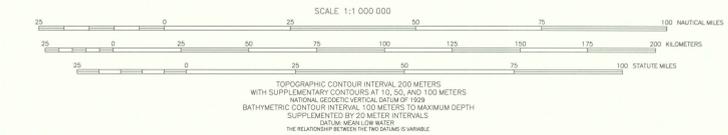


CONTINENTAL MARGIN MAPS

A part of the U.S. Geological Survey marine mapping program is the preparation of continental margin maps (COMAP) at a scale of 1:1,000,000. These maps are organized in overlapping panels that provide continuous coverage of the nation's Exclusive Economic Zone. This Mid-Atlantic map is one of six which provide coverage of the Atlantic and Gulf of Mexico continental margin.



Albers Equal-Area Conic Projection
Standard Parallels 29°30'N and 45°30'N
Bathymetry compiled by the National Ocean Survey
from hydrographic surveys of variable quality. This
information is not intended for navigational purposes.



MAP SHOWING BOTTOM TOPOGRAPHY OF THE MID-ATLANTIC CONTINENTAL MARGIN, CAPE COD TO ALBEMARLE SOUND

By
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1988