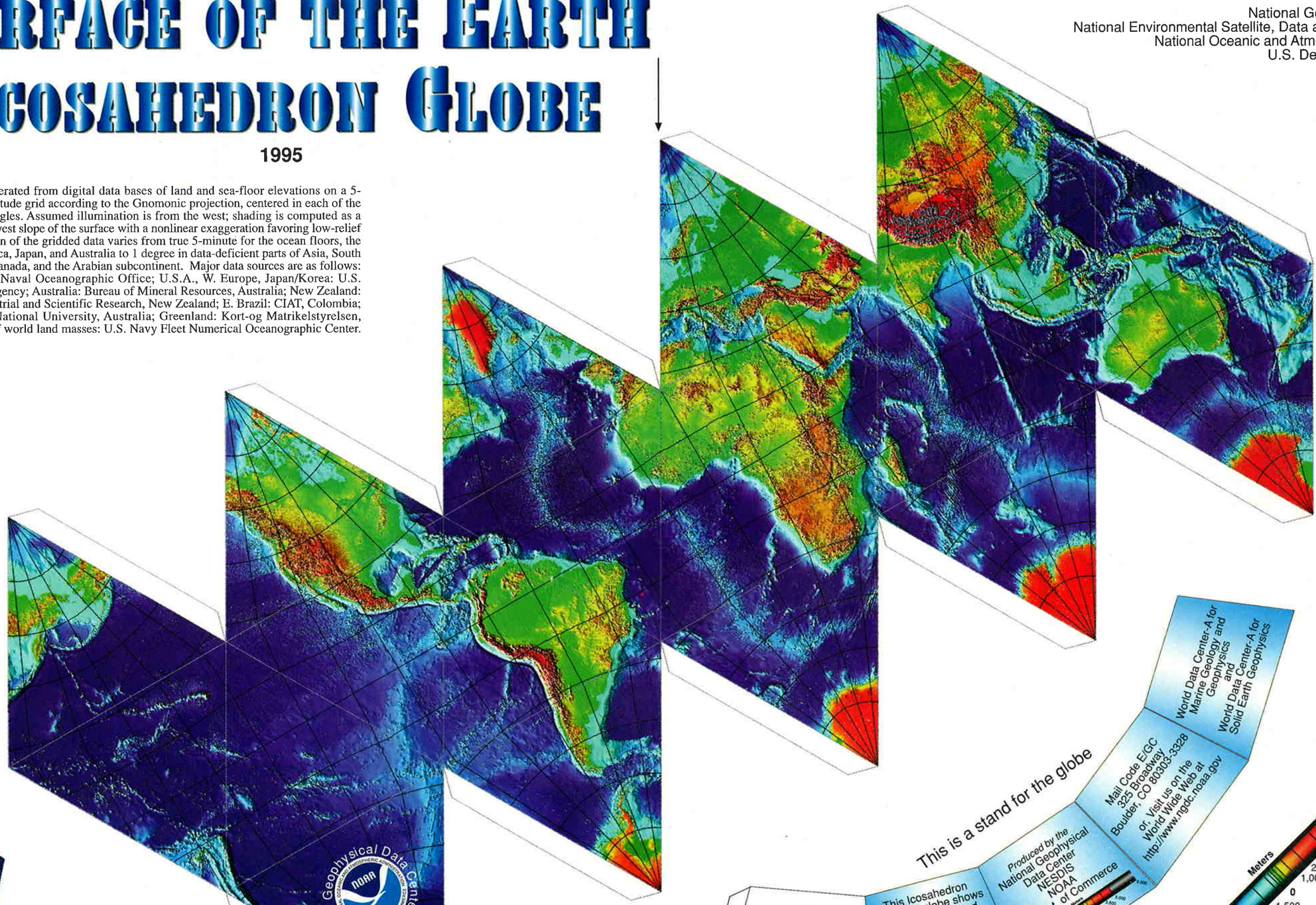
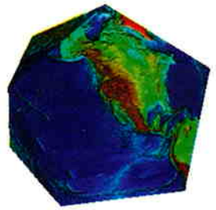
# Surface of the Earth Icosahedron Globe

**1995**

National Geophysical Data Center
National Environmental Satellite, Data and Information Service
National Oceanic and Atmospheric Administration
U.S. Department of Commerce

This image was generated from digital data bases of land and sea-floor elevations on a 5-minute latitude/longitude grid according to the Gnomonic projection, centered in each of the 20 Icosahedron triangles. Assumed illumination is from the west; shading is computed as a function of the east-west slope of the surface with a nonlinear exaggeration favoring low-relief areas. The resolution of the gridded data varies from true 5-minute for the ocean floors, the U.S.A., Europe, Africa, Japan, and Australia to 1 degree in data-deficient parts of Asia, South America, northern Canada, and the Arabian subcontinent. Major data sources are as follows: Ocean Areas: U.S. Naval Oceanographic Office; U.S.A., W. Europe, Japan/Korea: U.S. Defense Mapping Agency; Australia: Bureau of Mineral Resources, Australia; New Zealand: Department of Industrial and Scientific Research, New Zealand; E. Brazil: CIAT, Colombia; Africa: Australian National University, Australia; Greenland: Kort-og Matrikelstyrelsen, Denmark; balance of world land masses: U.S. Navy Fleet Numerical Oceanographic Center.



*Cut out the colored map and lightly crease the edges of the 20 triangles that make up the Icosahedron. Attach the edges of adjacent triangles with rubber cement on the white tabs or carefully tape from the inside (tabs may be cut off).*

Fold here for a compact size

This is a stand for the globe

This Icosahedron projection globe shows the topography and bathymetry of the Earth's surface as presented in digital gridded data bases available from the National Geophysical Data Center.

*Produced by the* National Geophysical Data Center NESDIS NOAA US Dept. of Commerce

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or, Visit us on the World Wide Web at http://www.ngdc.noaa.gov

World Data Center-A for Marine Geology and Geophysics

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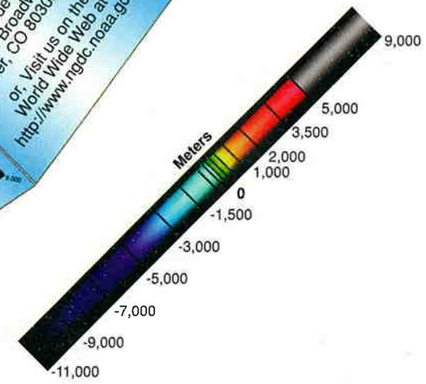


Digital Image by Peter W. Sloss, NOAA-NESDIS-NGDC