

# North Pole

## Artist

Ellen Kuzdro, PA, USA

## Creation Date

Not known

## Scale and Size

Original art scale: 1:36,617,000

Original art size: Not known. Scanned from a 10 x 8" film transparency.

Cropped digital art size: 61.26 × 34.13 cm at 300 DPI, 7,236 x 4,013 pixels

## Terms of Use

No use restrictions. The shaded relief is in the public domain. Space permitting on your map, please cite Ellen Kuzdro as the source.

## Georeferencing

Polar Azimuthal Equidistant projection

Center Meridian: 120W

Latitude of Origin: 90N

WGS84 datum

## Map Compatibility

Relief art modified by Tom Patterson to register with 1:10 million Natural Earth coastline and drainage vectors: [www.naturalearthdata.com](http://www.naturalearthdata.com)

The relief download includes a Natural Earth coast shape file with embedded projection information.

## Release Date

September 2011

## Additional Information

R. R. Donnelley and Sons Cartographic Services commissioned the creation of this shaded relief under the supervision of Herwig G. Schutzler. The Cartographic Services unit at R.R. Donnelley is now defunct. Upon going out of business, Donnelley transferred ownership of the relief art to GeoSystems Global Corporation, which later became MapQuest, owned by AOL. When MapQuest sold off their custom cartography unit, GeoNova, a successor company, became the new owners of the relief. GeoNova has since failed. Herwig G. Schutzler then donated the film transparency of this relief to the U.S. Library of Congress, where it is permanently stored along with other Donnelley relief art. The location of the original relief art is not known.