

North America (Townsend)

Artist

Kenneth Townsend, PA, USA

Creation Date

Not known

Scale and Size

Original art scale: Not known

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

Cropped digital art size: 37.05 × 43.66 cm at 300 DPI, 4,376 × 5,157 pixels

Terms of Use

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

Georeferencing

Lambert Azimuthal Equal-Area projection

Center Point: 45N, 95W

WGS84 Datum

Map Compatibility

Relief art modified by Tom Patterson to register with 1:50 million Natural Earth coastline and drainage vectors: 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.