

ETOPO1 Product Details

Specifications

Resolution: 1 arc minute

Registrations

- **Grid/Node-Registered:** Cells are centered on latitude and longitude lines (21601 by 10801 cells)
- **Cell/Pixel-Registered:** Cell edges are along latitude and longitude lines (21600 by 10800 cells)

Grid-registration is authoritative. Cell-registration is derived from the grid-registration. The conversion produces a slightly flattened result. Learn more [about grid registration](#).

Technical Report

[ETOPO1 1 Arc-Minute Global Relief Model: Procedures, Data Sources and Analysis](#)

Datums

- **Horizontal Datum:** WGS 84 geographic.
- **Vertical Datum:** Sea level. The difference between specific vertical datums such as mean sea level, mean high water, and mean low water, is less than the vertical accuracy of ETOPO1 (~10 meters at best) making them effectively equivalent.

Media

- [Image Directory](#)
- [KMZ Images](#)
- [Posters](#)