



Elevation map of Europe (1km grid)

The map is made using the global digital elevation model (DEM) derived from GTOPO30. Note that the values in the file are not the original elevation data. The data has been processed to create an image for presentation purposes stretching a predefined colour template over the derived values.

Simple

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Point of contact	<table border="1"><thead><tr><th>Organisation name</th><th>Individual name</th><th>Electronic mail address</th><th>Website</th><th>Role</th></tr></thead><tbody><tr><td>European Environment Agency</td><td></td><td></td><td></td><td>Point of contact</td></tr><tr><td>European Environment Agency</td><td></td><td></td><td>http://www.eea.europa.eu/#organization</td><td>Publisher</td></tr></tbody></table>	Organisation name	Individual name	Electronic mail address	Website	Role	European Environment Agency				Point of contact	European Environment Agency			http://www.eea.europa.eu/#organization	Publisher
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Continents, countries, sea regions of the world.	<ul style="list-style-type: none">• Albania• Armenia• Austria• Belarus• Belgium• Bosnia and Herzegovina• Bulgaria• Croatia• Cyprus• Czechia• Denmark• Finland• Georgia• Germany• Malta• Netherlands															

	<ul style="list-style-type: none"> • Norway • Poland • Portugal • Romania • Serbia • Slovakia • Slovenia • Sweden • United Kingdom • Russian Federation • Moldova • Montenegro • Latvia • Switzerland • Italy • Türkiye • Iceland • Estonia • Greece • Hungary • Lithuania • France • Liechtenstein • Luxembourg • Ukraine • Ireland • Spain
Use limitation	(Letter of the U.S. Geological Survey (Michael G Benson) dated 6/01/2004 ref. OMST 1-1 to EEA (SBJ) filed by CDR/data policy/USGS /elevation data).
Access constraints	Other restrictions
Other constraints	No limitations to public access
Use constraints	Other restrictions
Other constraints	EEA standard re-use policy: unless otherwise indicated, re-use of content on the EEA website for commercial or non-commercial purposes is permitted free of charge, provided that the source is acknowledged (http://www.eea.europa.eu/legal/copyright). Copyright holder: European Environment Agency (EEA).
Distance	1 km
Language of dataset	English
Topic category	<ul style="list-style-type: none"> • Environment
Begin date	2004-01-01
End date	2004-12-31



Additional Information	Geographical coverage: Russian Federation covered until Ural Mountains.1000 m		
Coordinate reference system identifier	EPSG:4326		
Distribution format	<ul style="list-style-type: none"> • GeoTIFF () 		
OnLine resource	Protocol EEA:FOLDERPATH WWW:URL	Linkage https://sdi.eea.europa.eu/webdav/datastore/public/eea_r_4326_1_km_elevation-map-europe_p_2004_v01_r00/ https://sdi.eea.europa.eu/data/cafa8ccf-d4d1-4b03-bc4e-681aae516730	Name Gtiff Direct download
Hierarchy level	Dataset		

Conformance result

Title	Commission Regulation (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services
Date (Publication)	2010-12-08
Explanation	See the referenced specification

Statement	<p>The data set was compiled by EEA and is derived from the GTOPO30 dataset (http://edcdaac.usgs.gov/gtopo30/gtopo30.html). The DTM was converted to raster (georeferenced tiff) using Arcview and Grid Pig extension. The Caspian Sea border, the Africa depression and some areas from the Netherlands, all under sea level were corrected. The DTM was hillshaded using ArcMap and Spatial Analyst using following parametres: Azimuth: 315, Altitude: 45, Model shadows: Yes, Z factor: 10, Cell size: 1000 m.</p> <p>GTOPO30, available from U.S. Geological Survey, EROS Data Center, Sioux Falls, South Dakota. GTOPO30 is a global digital elevation model (DEM) with a horizontal grid spacing of 30 arc seconds (approximately 1 kilometer). GTOPO30 was derived from several raster and vector sources of topographic information. GTOPO30, completed in late 1996, was developed over a three year period through a collaborative effort led by staff at the U.S. Geological Survey's EROS Data Center (EDC). The following organizations participated by contributing funding or source data: the National Aeronautics and Space Administration (NASA), the United Nations Environment Programme/Global Resource Information Database (UNEP/GRID), the U.S. Agency for International Development (USAID), the Instituto Nacional de Estadística Geográfica e Informática (INEGI) of Mexico, the Geographical Survey Institute (GSI) of Japan, Manaaki Whenua Landcare Research of New Zealand, and the Scientific Committee on Antarctic Research (SCAR).</p>
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Metadata

File identifier	cafa8ccf-d4d1-4b03-bc4e-681aae516730 XML
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Character set	UTF8
Hierarchy level	Dataset
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Metadata standard name	ISO 19115:2003/19139		
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			Point of contact

Overviews



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