

Izobrazhenie Zemnogo Globusa

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer	not identified in the record; published in St Petersburg
Credits	not identified in the record
Imprint	[St Petersburg]: [publisher not identified], [1750-1759]
Year	1750
Technique	Technique not stated in the record; hand coloured boundaries (per the record)
Source	Library of Congress, World Digital Library, LCCN 2018694073; original at the Russian State Library https://www.loc.gov/item/2018694073/ · LoC no known restrictions
Notes	The record dates the sheet 1750-1759, so the year is approximate (c. 1750) - see the approximate-date rule of the description standard. Prime meridian: Ferro. Title in a cartouche with the Russian Imperial coat of arms; boundaries hand coloured. Voyage routes are drawn as dotted lines, among them Magellan's circumnavigation of 1519-22. Spitsbergen, Novaya Zemlya, Greenland, Hudson Bay and Baffin Bay are shown; north-western North America, the western Arctic near Alaska, eastern Australasia and Antarctica are absent.

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 234.08, warmth 33.0.
- Scanner edge removed: top 35, bottom 25, left 50, right 75 px. No mount board: the sheet was scanned on its own.

- The printed line deepened by a monotone tone curve; ink area changed by 0.95× — the lines are darker, not thicker.
- Owner marks: No stamps or pencil marks were removed from this sheet. The marks detected sit on the margins outside the delivered frame, so they are not part of the file you receive, and nothing was retouched over the printed ink. Only the scanner edge and the light mount around the sheet were trimmed back.

WHAT WAS NOT DONE

- no map content added, removed or redrawn
- no retouching over printed ink
- no change of proportions
- no global filter
- paper neither bleached white nor tinted
- authenticity marks kept: plate mark, deckle edge, honest patina

MEASURED ON RELEASE

The line is deep, not thickened	ink core 16 of 255 · ink area 0.95× the source
Nothing is burnt out at either end	0.00% of the sheet clipped to white · 0.01% crushed to black
The paper is even across the whole sheet	level 234 · unevenness 2.59, where 4 is the limit
The paper is warm — neither bleached nor tinted	R-B 33, inside the 24–40 band of the studio standard (paper tone D)
Paper texture is kept, not smoothed away	0.92 of the grain the archive scan itself had
Lines are sharper than the scan, with no halo	1.22× the source · halo 0.00%
Nothing of the archive is left behind	stains 0.00% · specks 0.00%

Engine revision 8, standard revision 7.1. Every criterion, with its target and the measured value, is listed in the record below.

WHAT IS IN THE ARCHIVE

025-russian-zemnoy-globus-1750-full-300dpi.jpg	23.8 MB
025-russian-zemnoy-globus-1750-trim-300dpi.jpg	20.7 MB
formats/025-russian-zemnoy-globus-1750-3x2-300dpi.jpg	20.7 MB
formats/025-russian-zemnoy-globus-1750-4x3-300dpi.jpg	22.3 MB
formats/025-russian-zemnoy-globus-1750-5x4-300dpi.jpg	23.1 MB
formats/025-russian-zemnoy-globus-1750-iso-300dpi.jpg	21.6 MB
025-russian-zemnoy-globus-1750-passport.pdf	this document

Six print files and this passport, 132 MB in total, delivered as six separate ZIP archives (one print file, the passport and a READ ME in each). Nothing else: the catalogue previews and the 1:1 detail crops shown on the shop page are not padding out this archive — any crop you want is already inside the full-resolution file.

Largest print at 300 dpi: 68.4 × 44.6 cm. At 240 dpi: 85.5 × 55.8 cm. At 200 dpi, still sharp on matte paper at arm's length: 102.7 × 66.9 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	16.0	2-22
black point (full resolution)	8.0	2-14
white point	242.0	237-244
clipped highlights, %	0.0	0
crushed shadows, %	0.01	0
paper level	234.08	227-237
paper evenness across the sheet	2.59	0-4
paper warmth R-B	33.0	24-40
residual stains, %	0.0	0-0.2
residual specks, %	0.0	0-0.5
paper texture kept vs source	0.92	0.60-1.00
edge sharpness vs source	1.22	>= 1.00
halo around lines	0.0	0-2
ink area vs source	0.95	0.90-1.12
absolute edge sharpness	536.06	>= 20

Restoration © Old Map Studio, 2026-10-01. The original map is in the public domain. This passport records what was measured, not what was hoped for.