

A New and Correct Map of the World

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer	Herman Moll
Credits	Herman Moll (d. 1732), geographer; published by H. Moll, D. Midwinter and Ri. Davies, London
Imprint	London : H. Moll, D. Midwinter, Ri. Davies, 1709
Year	1709
Technique	copper engraving, outline hand colouring
Source	National Library of Scotland, EMW.X.032(3) https://maps.nls.uk/world/rec/5832 · NLS Scotland CC-BY 4.0 (attr: National Library of Scotland)
Notes	Dedicated to His Royal Highness George, Prince of Denmark, Lord High Admiral of Great Britain and Ireland. Two hemispheres with polar insets, diagrams of the Ptolemaic and Copernican systems, a lunar map and notes on trade winds and monsoons around the hemispheres (read from the sheet).

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 234.95, warmth 32.0.
- Scanner edge removed: top 13, bottom 0, left 0, right 0 px. No mount board: the sheet was scanned on its own.
- The printed line deepened by a monotone tone curve; ink area changed by 1.05× — the lines are darker, not thicker.
- Owner marks: No library stamps or pencil marks were found on this sheet. The pale scanner background was cropped away at the edges and the tone of the central fold band was levelled to the paper next to it; no columns

were removed and no printed line was redrawn. At the owner's decision the central fold and the worn corners of the sheet were left as they are, so they remain visible at 1:1.

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 17 of 255 · ink area 1.05× the source
Nothing is burnt out at either end	0.00% of the sheet clipped to white · 0.00% crushed to black
The paper is even across the whole sheet	level 235 · unevenness 2.87, where 4 is the limit
The paper is warm — neither bleached nor tinted	R–B 32, inside the 24–40 band of the studio standard (paper tone D)
Paper texture is kept, not smoothed away	0.89 of the grain the archive scan itself had
Lines are sharper than the scan, with no halo	1.32× 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

640-moll-new-correct-map-world-1709-full-300dpi.jpg	23.3 MB
640-moll-new-correct-map-world-1709-trim-300dpi.jpg	20.8 MB
formats/640-moll-new-correct-map-world-1709-3x2-300dpi.jpg	22.1 MB
formats/640-moll-new-correct-map-world-1709-4x3-300dpi.jpg	23.8 MB
formats/640-moll-new-correct-map-world-1709-5x4-300dpi.jpg	23.7 MB
formats/640-moll-new-correct-map-world-1709-iso-300dpi.jpg	23.0 MB
640-moll-new-correct-map-world-1709-passport.pdf	this document

Six print files and this passport, 137 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: 65.9 × 38.9 cm. At 240 dpi: 82.4 × 48.7 cm. At 200 dpi, still sharp on matte paper at arm's length: 98.9 × 58.4 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	17.0	2-22
black point (full resolution)	3.0	2-14
white point	241.0	237-244
clipped highlights, %	0.0	0
crushed shadows, %	0.0	0
paper level	234.95	227-237
paper evenness across the sheet	2.87	0-4
paper warmth R-B	32.0	24-40
residual stains, %	0.0	0-0.2
residual specks, %	0.0	0-0.5
paper texture kept vs source	0.89	0.60-1.00
edge sharpness vs source	1.32	>= 1.00
halo around lines	0.0	0-2
ink area vs source	1.05	0.90-1.12
absolute edge sharpness	559.3	>= 20

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