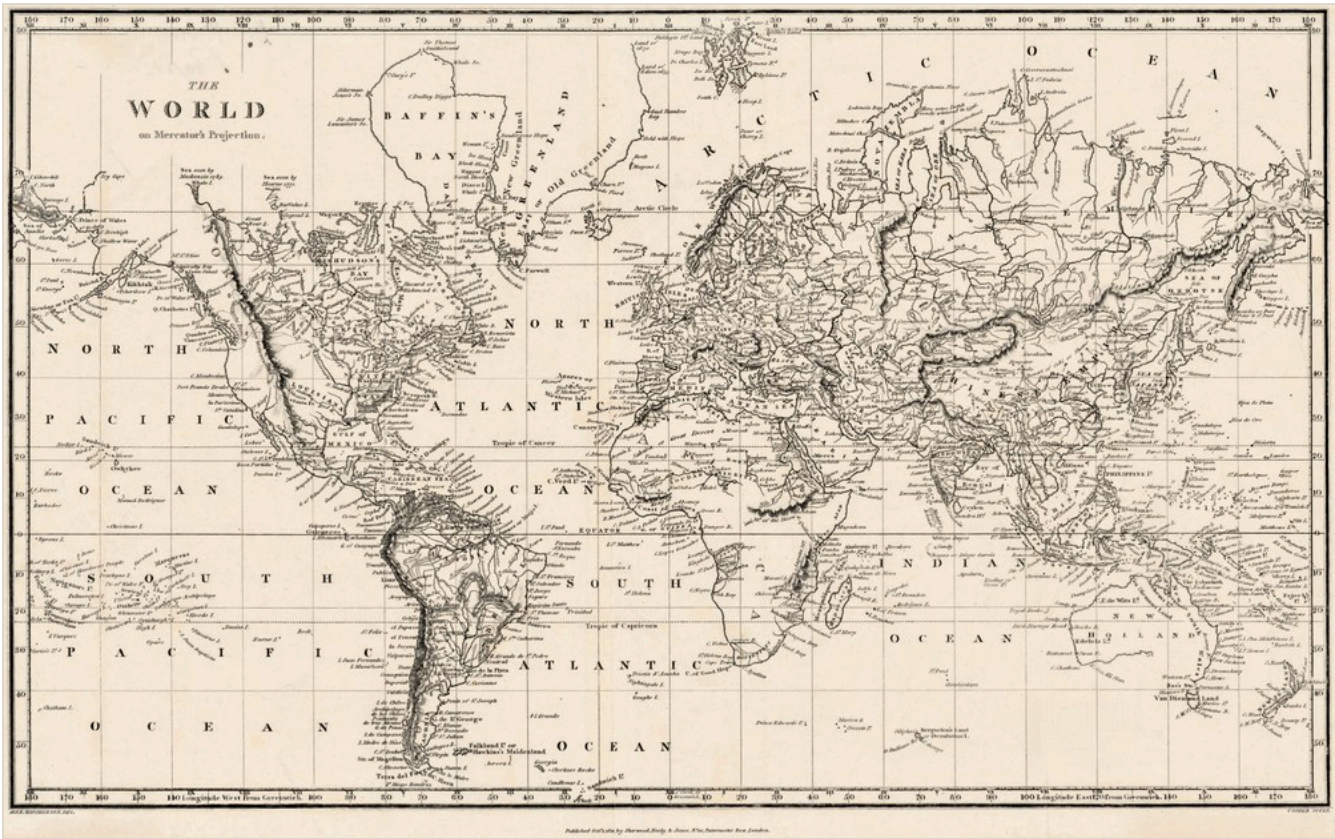


The World on Mercator's Projection

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer	Published by Sherwood, Neely & Jones; drawn by Alex. Macpherson; engraved by Cooper
Credits	Alex. Macpherson, draughtsman (signed ALEX. MACPHERSON, DEL.); Cooper, engraver (signed COOPER SCULP.); Sherwood, Neely & Jones, publishers, London
Imprint	Published Oct. 1, 1810, by Sherwood, Neely & Jones, No. 20, Paternoster Row, London
Year	1810
Technique	copper engraving, uncoloured (black and white impression)
Source	Library of Congress, Geography and Map Division, G3200 1810 .S4, LCCN 2017585655 https://www.loc.gov/item/2017585655/ · LoC no known restrictions
Notes	Relief shown by hachures. Available also through the Library of Congress Web site as a raster image.

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 235.06, warmth 32.0.
- Scanner edge removed: top 0, 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 1.01× — the lines are darker, not thicker.
- Owner marks: At the owner's decision the framed stamp "Division of Maps / MAY 31 1934 / Library of Congress", struck over the engraving in the southern Pacific, was removed; the graticule line beneath it was re-drawn from the

same line's profile. Three pencilled shelf marks - two on the lower margin, one below the neat line at right - were lifted with clean paper of the same sheet. Writing on the back shows faintly above the title; it was reduced, with traces left where it crosses the graticule lines.

WHAT WAS NOT DONE

- no map content added, removed or redrawn
- The framed Library of Congress stamp "Division of Maps / MAY 31 1934" lay over the engraving in the southern Pacific. It was removed, and the single graticule line that ran under it was re-drawn from the profile of the same line on either side. This is the only retouching over printed ink on this sheet; faint traces may remain at 1:1.
- 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 1.01× 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 1.70, 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	1.16 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 0.02% · 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

042-world-mercator-projection-1810-full-300dpi.jpg	13.2 MB
042-world-mercator-projection-1810-trim-300dpi.jpg	12.3 MB
formats/042-world-mercator-projection-1810-3x2-300dpi.jpg	12.7 MB
formats/042-world-mercator-projection-1810-4x3-300dpi.jpg	13.6 MB
formats/042-world-mercator-projection-1810-5x4-300dpi.jpg	14.0 MB
formats/042-world-mercator-projection-1810-iso-300dpi.jpg	13.1 MB
042-world-mercator-projection-1810-passport.pdf	this document

Six print files and this passport, 79 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: 55.0 × 34.4 cm. At 240 dpi: 68.8 × 43.0 cm. At 200 dpi, still sharp on matte paper at arm's length: 82.5 × 51.6 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	239.0	237-244
clipped highlights, %	0.0	0
crushed shadows, %	0.0	0
paper level	235.06	227-237
paper evenness across the sheet	1.7	0-4
paper warmth R-B	32.0	24-40
residual stains, %	0.02	0-0.2
residual specks, %	0.0	0-0.5
paper texture kept vs source	1.16	0.60-1.00
edge sharpness vs source	1.32	>= 1.00
halo around lines	0.0	0-2
ink area vs source	1.01	0.90-1.12
absolute edge sharpness	532.78	>= 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.