

To Capt. John Wood This Map of the World, Drawn According to Mercators Projection, Is Humbly Dedicated

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer	Robert Morden; William Berry
Credits	Robert Morden (approximately 1650-1703), cartographer; William Berry (active 1669-1708), cartographer
Imprint	London : Robt. Morden & Willm. Berry, sold at ye atlas in Cornhill & at ye globe in ye Strand, [1690?]
Year	1690
Technique	Not stated in the record
Source	Library of Congress, Geography and Map Division, G3200 1690 .M6, LCCN 2017585715 https://www.loc.gov/item/2017585715/ · LoC no known restrictions
Notes	Relief shown pictorially. Shows California as an island. Includes the name 'Pensilvania', so is a second state issued after 1682. Includes illustrations, north polar hemisphere, two compass roses and rhumb lines. Printed on two sheets and pasted together. Shirley, Rodney W. Mapping of the world. 1983, 472.

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 235.35, warmth 31.0.
- Scanner edge removed: top 64, bottom 45, left 45, right 49 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: No library stamps or shelf numbers are visible on the printed surface. One small foxing spot on blank paper was toned out; six small paper losses along the edge of the sheet were filled with the clean paper of the same sheet. The engraving itself was not touched. The sheet is not mounted.

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 18 of 255 · ink area 1.01× the source
Nothing is burnt out at either end	0.01% of the sheet clipped to white · 0.00% crushed to black
The paper is even across the whole sheet	level 235 · unevenness 0.89, where 4 is the limit
The paper is warm — neither bleached nor tinted	R–B 31, inside the 24–40 band of the studio standard (paper tone D)
Paper texture is kept, not smoothed away	0.85 of the grain the archive scan itself had
Lines are sharper than the scan, with no halo	1.36× 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

245-capt-john-wood-this-1690-full-300dpi.jpg	48.8 MB
245-capt-john-wood-this-1690-trim-300dpi.jpg	46.5 MB
formats/245-capt-john-wood-this-1690-3x2-300dpi.jpg	52.8 MB
formats/245-capt-john-wood-this-1690-4x3-300dpi.jpg	56.4 MB
formats/245-capt-john-wood-this-1690-5x4-300dpi.jpg	58.5 MB
formats/245-capt-john-wood-this-1690-iso-300dpi.jpg	54.6 MB
245-capt-john-wood-this-1690-passport.pdf	this document

Six print files and this passport, 318 MB in total, delivered as six separate ZIP archives (one print file, the passport and a README 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: 97.3 × 50.5 cm. At 240 dpi: 121.7 × 63.1 cm. At 200 dpi, still sharp on matte paper at arm's length: 146.0 × 75.8 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	18.0	2-22
black point (full resolution)	10.0	2-14
white point	241.0	237-244
clipped highlights, %	0.01	0
crushed shadows, %	0.0	0
paper level	235.35	227-237
paper evenness across the sheet	0.89	0-4
paper warmth R-B	31.0	24-40
residual stains, %	0.0	0-0.2
residual specks, %	0.0	0-0.5
paper texture kept vs source	0.85	0.60-1.00
edge sharpness vs source	1.36	>= 1.00
halo around lines	0.0	0-2
ink area vs source	1.01	0.90-1.12
absolute edge sharpness	516.56	>= 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.