

The Earth's Western Planisphere

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer	Published by S. Dunn & W. Owen
Credits	S. Dunn and W. Owen, publishers (the record names no engraver or draughtsman)
Imprint	Published according to Act of Parliament by S. Dunn & W. Owen, 1757
Year	1757
Technique	Technique not stated in the record; hand coloured (per the catalogue record)
Source	Norman B. Leventhal Map & Education Center Collection, Boston Public Library, G3290 1757 .E37 https://ark.digitalcommonwealth.org/ark:/50959/cj82m6572 · LMEC/BPL no known restrictions

Notes	Relief shown pictorially. Also shows climatic zones, compass variations, and declination of the sun. Includes notes and table of statistics of celestial bodies. Scale [ca. 1:50,000,000] at equator.
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WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 236.42, warmth 30.0.
- 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 1.02× — the lines are darker, not thicker.
- Owner marks: Nothing was removed from this sheet. A pencil shelfmark and a barcode number written by the library on the lower blank margin remain visible: the engraved lettering of the title runs almost to the sheet edges, so the frame cannot be tightened without cutting the impression.

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 11 of 255 · ink area 1.02× 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 236 · unevenness 1.97, where 4 is the limit
The paper is warm — neither bleached nor tinted	R–B 30, inside the 24–40 band of the studio standard (paper tone D)
Paper texture is kept, not smoothed away	0.88 of the grain the archive scan itself had
Lines are sharper than the scan, with no halo	1.21× 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

389-the-earth-s-western-planisphere-1757-full-300dpi.jpg	20.4 MB
389-the-earth-s-western-planisphere-1757-trim-300dpi.jpg	24.6 MB
formats/389-the-earth-s-western-planisphere-1757-3x2-300dpi.jpg	32.1 MB
formats/389-the-earth-s-western-planisphere-1757-4x3-300dpi.jpg	29.6 MB
formats/389-the-earth-s-western-planisphere-1757-5x4-300dpi.jpg	28.4 MB
formats/389-the-earth-s-western-planisphere-1757-iso-300dpi.jpg	30.5 MB

Six print files and this passport, 166 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: 60.1 × 59.6 cm. At 240 dpi: 75.1 × 74.5 cm. At 200 dpi, still sharp on matte paper at arm's length: 90.1 × 89.4 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	11.0	2-22
black point (full resolution)	3.0	2-14
white point	243.0	237-244
clipped highlights, %	0.0	0
crushed shadows, %	0.0	0
paper level	236.42	227-237
paper evenness across the sheet	1.97	0-4
paper warmth R-B	30.0	24-40
residual stains, %	0.0	0-0.2
residual specks, %	0.0	0-0.5
paper texture kept vs source	0.88	0.60-1.00
edge sharpness vs source	1.21	>= 1.00
halo around lines	0.0	0-2
ink area vs source	1.02	0.90-1.12
absolute edge sharpness	455.35	>= 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.