

Typus Orbis Terrarum

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer	Abraham Ortelius (1527-1598); engraved by Frans Hogenberg
Credits	Abraham Ortelius (1527-1598), cartographer; Frans Hogenberg (ca. 1539-1590), engraver
Imprint	[Antwerp]: [Abraham Ortelius], [1579?]
Year	1579
Technique	Not stated in the record
Source	Library of Congress, Geography and Map Division, G3200 1579 .O7, LCCN 2017585794 https://www.loc.gov/item/2017585794/ · LoC no known restrictions
Notes	Oval map within an illustrated border, showing clouds. Appears in a Latin edition of Ortelius's Theatrum orbis terrarum, with Latin text on the verso. Shirley notes the crack and the re-engraved clouds in the lower left corner, which place this impression in 1579 or later. The Library of Congress copy is mounted on cloth.

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 235.28, warmth 25.0.
- Scanner edge removed: top 0, bottom 15, left 10, right 10 px. No mount board: the sheet was scanned on its own.

- The printed line deepened by a monotone tone curve; ink area changed by $1.01\times$ — the lines are darker, not thicker.
- Owner marks: A pencil shelfmark on the sheet margin, outside the printed border, was left in place: the paper there is marbled and removing it would have disturbed a large area of the original sheet. An old ink inscription was also left as part of the sheet's history. Two small foxing spots beside the engraving were lightened to the surrounding paper tone; no engraved line was retouched.

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 $1.01\times$ 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 1.29, where 4 is the limit
The paper is warm — neither bleached nor tinted	R–B 25, 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	$1.43\times$ 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

011-ortelius-typus-orbis-terrarium-1579-full-300dpi.jpg	21.9 MB
011-ortelius-typus-orbis-terrarium-1579-trim-300dpi.jpg	19.1 MB
formats/011-ortelius-typus-orbis-terrarium-1579-3x2-300dpi.jpg	19.3 MB
formats/011-ortelius-typus-orbis-terrarium-1579-4x3-300dpi.jpg	19.9 MB
formats/011-ortelius-typus-orbis-terrarium-1579-5x4-300dpi.jpg	20.6 MB
formats/011-ortelius-typus-orbis-terrarium-1579-iso-300dpi.jpg	19.4 MB
011-ortelius-typus-orbis-terrarium-1579-passport.pdf	this document

Six print files and this passport, 120 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: 50.0 × 34.2 cm. At 240 dpi: 62.5 × 42.8 cm. At 200 dpi, still sharp on matte paper at arm's length: 75.0 × 51.4 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	16.0	2-22
black point (full resolution)	3.0	2-14
white point	242.0	237-244
clipped highlights, %	0.0	0
crushed shadows, %	0.0	0
paper level	235.28	227-237
paper evenness across the sheet	1.29	0-4
paper warmth R-B	25.0	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	1.43	>= 1.00
halo around lines	0.0	0-2
ink area vs source	1.01	0.90-1.12
absolute edge sharpness	481.85	>= 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.