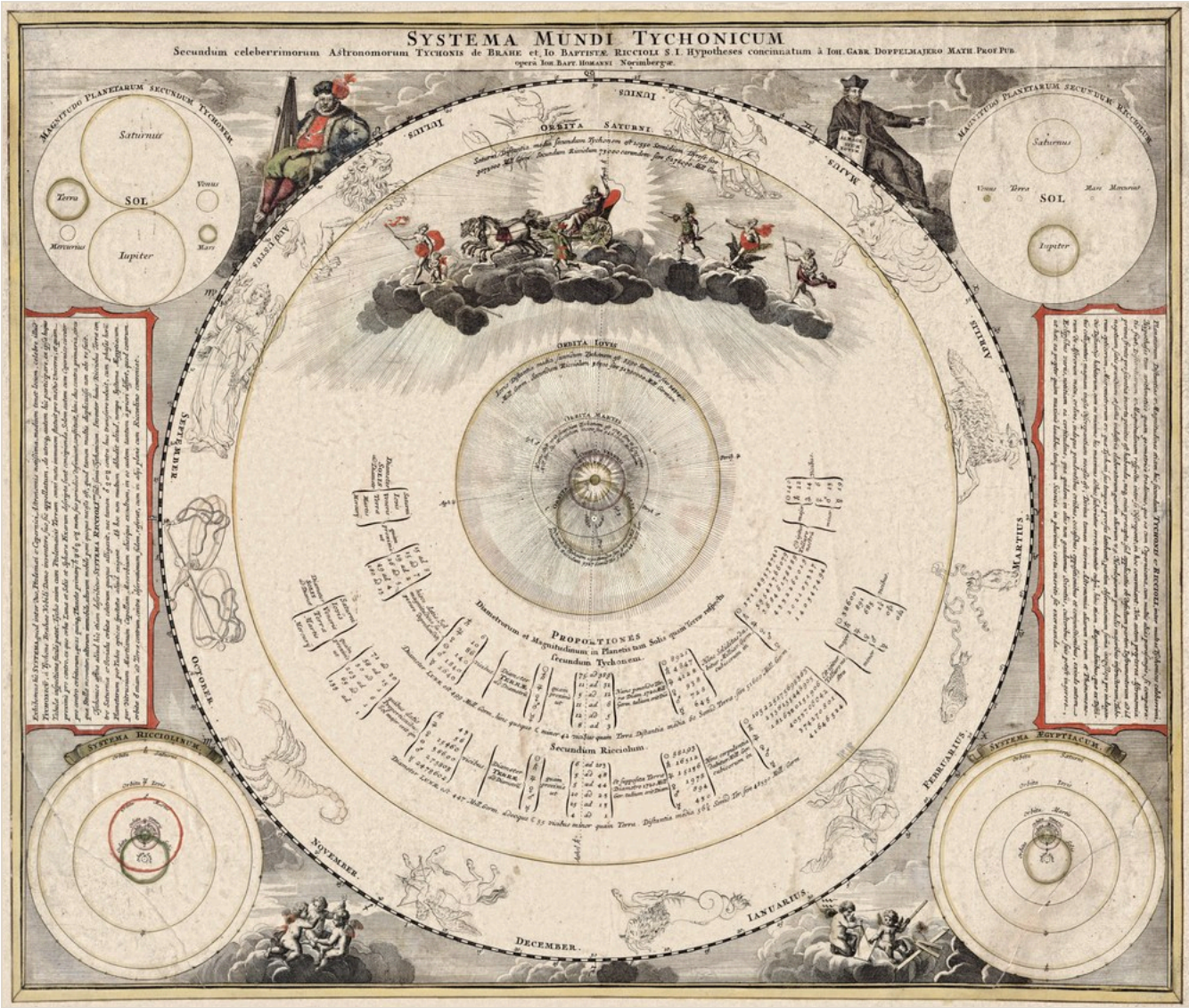


Systema Mundi Tychonicum

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer	Johann Baptist Homann (1663-1724)
Imprint	[Nurnberg] : Pub. opera Ioh. Bapt. Homanni Norimbergae, [1716]
Year	1716
Technique	Technique not stated in the record; hand coloured (record)
Source	Library of Congress, Geography and Map Division, G3180 1716 .H6 https://www.loc.gov/item/2013593139/ · Original: public domain, Library of Congress, Geography and Map Division (free to use and reuse). Restoration (c) Old Map Studio.
Notes	Appears in Homann's Grosser Atlas uber die gantze Welt, Nuremberg, 1716. The Tychonic world system after the hypotheses of Tycho Brahe and Giovanni Battista Riccioli. Record: LC copy imperfect - discoloration along fold line; bottom edge and centre fold repaired with cardboard on verso. The engraved title on the sheet also names Ioh. Gabr. Doppelmajero Math. Prof. Pub. (read from the sheet).

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 232.13, warmth 32.0.
- Scanner edge removed: top 84, bottom 52, left 95, right 43 px. No mount board: the sheet was scanned on its own.
- The printed line deepened by a monotone tone curve; ink area changed by 1.09× — the lines are darker, not thicker.
- Owner marks: The holder's blue stock number (317A) does not appear in the delivered files; small specks of dirt were removed from the paper, the paper tone was evened out towards the edges and the dark edge of the scanner bed was trimmed away. No printed line was retouched and no part of the engraving was redrawn.

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 1.09× the source
Nothing is burnt out at either end	0.00% of the sheet clipped to white · 0.01% crushed to black
The paper is even across the whole sheet	level 232 · unevenness 13.93, 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	0.80 of the grain the archive scan itself had
Lines are sharper than the scan, with no halo	1.19× 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

444-systema-mundi-tychonicum-secundum-celeberrimorum-astronomorum-1716-full-300dpi.jpg	143.1 MB
444-systema-mundi-tychonicum-secundum-celeberrimorum-astronomorum-1716-trim-300dpi.jpg	129.4 MB
formats/444-systema-mundi-tychonicum-secundum-celeberrimorum-astronomorum-1716-3x2-300dpi.jpg	150.4 MB
formats/444-systema-mundi-tychonicum-secundum-celeberrimorum-astronomorum-1716-4x3-300dpi.jpg	139.6 MB
formats/444-systema-mundi-tychonicum-secundum-celeberrimorum-astronomorum-1716-5x4-300dpi.jpg	134.0 MB
formats/444-systema-mundi-tychonicum-secundum-celeberrimorum-astronomorum-1716-iso-300dpi.jpg	144.8 MB
444-systema-mundi-tychonicum-secundum-celeberrimorum-astronomorum-1716-passport.pdf	this document

Six print files and this passport, 841 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: 79.4 × 67.2 cm. At 240 dpi: 99.3 × 84.0 cm. At 200 dpi, still sharp on matte paper at arm's length: 119.1 × 100.8 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	16.0	2-22
black point (full resolution)	6.0	2-14
white point	252.0	237-244
clipped highlights, %	0.0	0
crushed shadows, %	0.01	0
paper level	232.13	227-237
paper evenness across the sheet	13.93	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	0.8	0.60-1.00
edge sharpness vs source	1.19	>= 1.00
halo around lines	0.0	0-2
ink area vs source	1.09	0.90-1.12
absolute edge sharpness	601.14	>= 20

Restoration © Old Map Studio, 2026-09-25. The original map is in the public domain. This passport records what was measured, not what was hoped for.