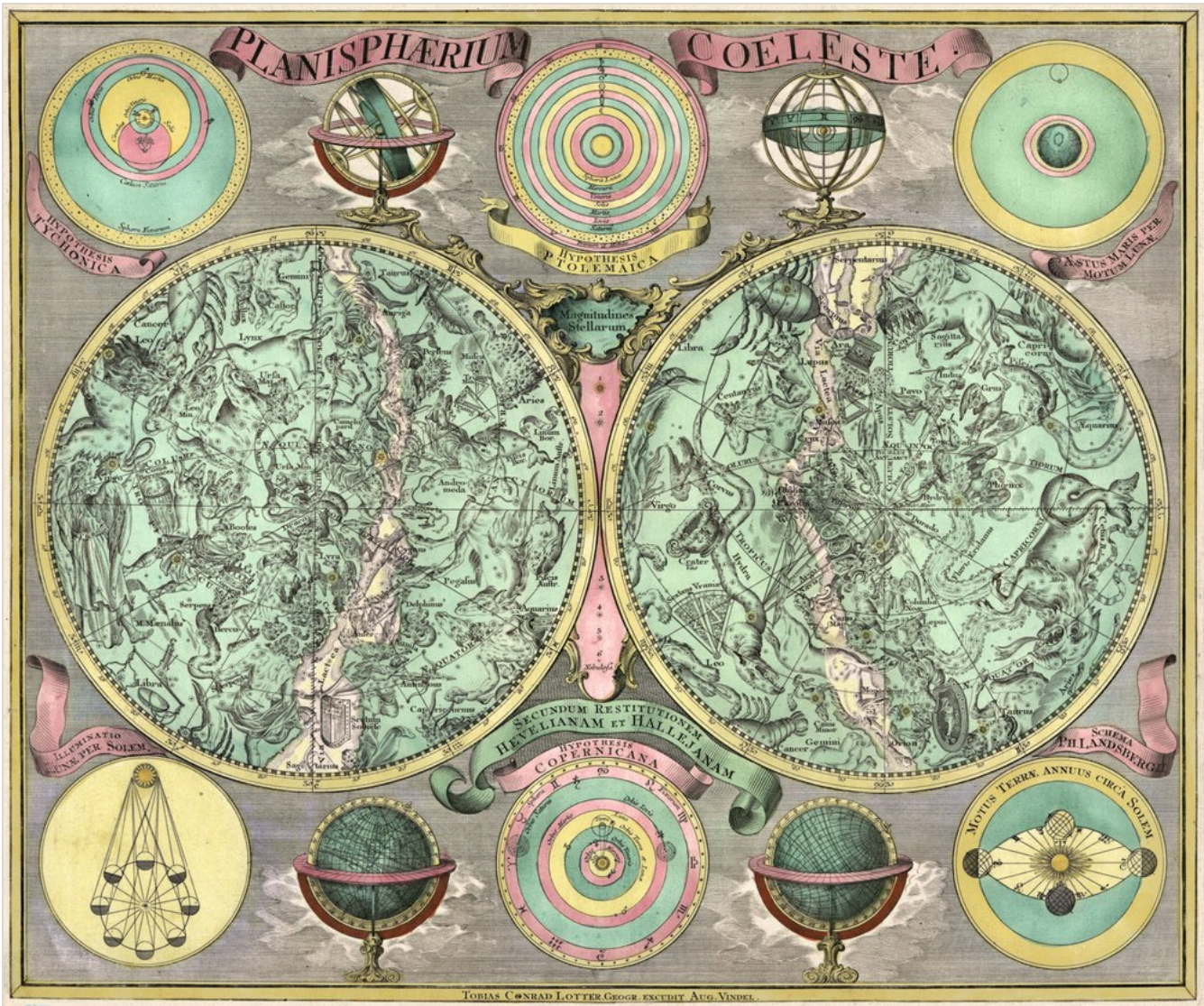


Planisphaerium Coeleste

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer	Tobias Conrad Lotter (1717-1777)
Imprint	Aug. Vindel [Ger. : s.n., 1772?]
Year	1772
Technique	Technique not stated in the record; coloured (record: "col.")
Source	Library of Congress, Geography and Map Division, G3190 1772 .L6 https://www.loc.gov/item/2012589701/ · Original: public domain, Library of Congress, Geography and Map Division (free to use and reuse). Restoration (c) Old Map Studio.
Notes	Hevelius style, Eimmart format; hemispheres, ecliptic pole to ecliptic, with non-Ptolemaic constellations. Includes 6 diagrams and 4 globes and armillary spheres. Detached from Lotter, T.C. Atlas novus, Augsburg [1772] (Phillips 3513; Warner p. 164).

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 235.38, warmth 35.0.
- 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 1.12× — the lines are darker, not thicker.
- Owner marks: The holder's blue stock number (316A) stamped on the lower margin was lifted, and small specks of dirt were removed from the paper. The original colouring was brought back from the scan after the paper tone was set; no printed line was retouched and no part of the engraving was redrawn.
- Hand colour returned from the source scan: the tone curve that deepens the printed line also lifts watercolour washes toward the paper, so hue and saturation were taken from the archive scan and laid back over 68.2% of the sheet — exactly where that scan carries colour. Brightness stays the restored one; the colour is the sheet's own. Nothing was coloured in that the scan does not already carry.

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 20 of 255 · ink area 1.12× the source
Nothing is burnt out at either end	0.13% of the sheet clipped to white · 0.00% crushed to black
The paper is even across the whole sheet	level 235 · unevenness 22.79, where 4 is the limit
The paper is warm — neither bleached nor tinted	R–B 35, inside the 24–40 band of the studio standard (paper tone D)
Paper texture is kept, not smoothed away	1.10 of the grain the archive scan itself had
Lines are sharper than the scan, with no halo	1.57× the source · halo 0.05%
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

443-planisphaerium-coeleste-secundum-restitutionem-hevelianam-et-1772-full-300dpi.jpg	33.8 MB
443-planisphaerium-coeleste-secundum-restitutionem-hevelianam-et-1772-trim-300dpi.jpg	32.0 MB
formats/443-planisphaerium-coeleste-secundum-restitutionem-hevelianam-et-1772-3x2-300dpi.jpg	36.1 MB
formats/443-planisphaerium-coeleste-secundum-restitutionem-hevelianam-et-1772-4x3-300dpi.jpg	33.8 MB
formats/443-planisphaerium-coeleste-secundum-restitutionem-hevelianam-et-1772-5x4-300dpi.jpg	32.7 MB
formats/443-planisphaerium-coeleste-secundum-restitutionem-hevelianam-et-1772-iso-300dpi.jpg	34.9 MB

Six print files and this passport, 203 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: 59.2 × 49.3 cm. At 240 dpi: 73.9 × 61.7 cm. At 200 dpi, still sharp on matte paper at arm's length: 88.7 × 74.0 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	20.0	2-22
black point (full resolution)	8.0	2-14
white point	244.0	237-244
clipped highlights, %	0.13	0
crushed shadows, %	0.0	0
paper level	235.38	227-237
paper evenness across the sheet	22.79	0-4
paper warmth R-B	35.0	24-40
residual stains, %	0.0	0-0.2
residual specks, %	0.0	0-0.5
paper texture kept vs source	1.1	0.60-1.00
edge sharpness vs source	1.57	>= 1.00
halo around lines	0.05	0-2
ink area vs source	1.12	0.90-1.12
absolute edge sharpness	474.31	>= 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.