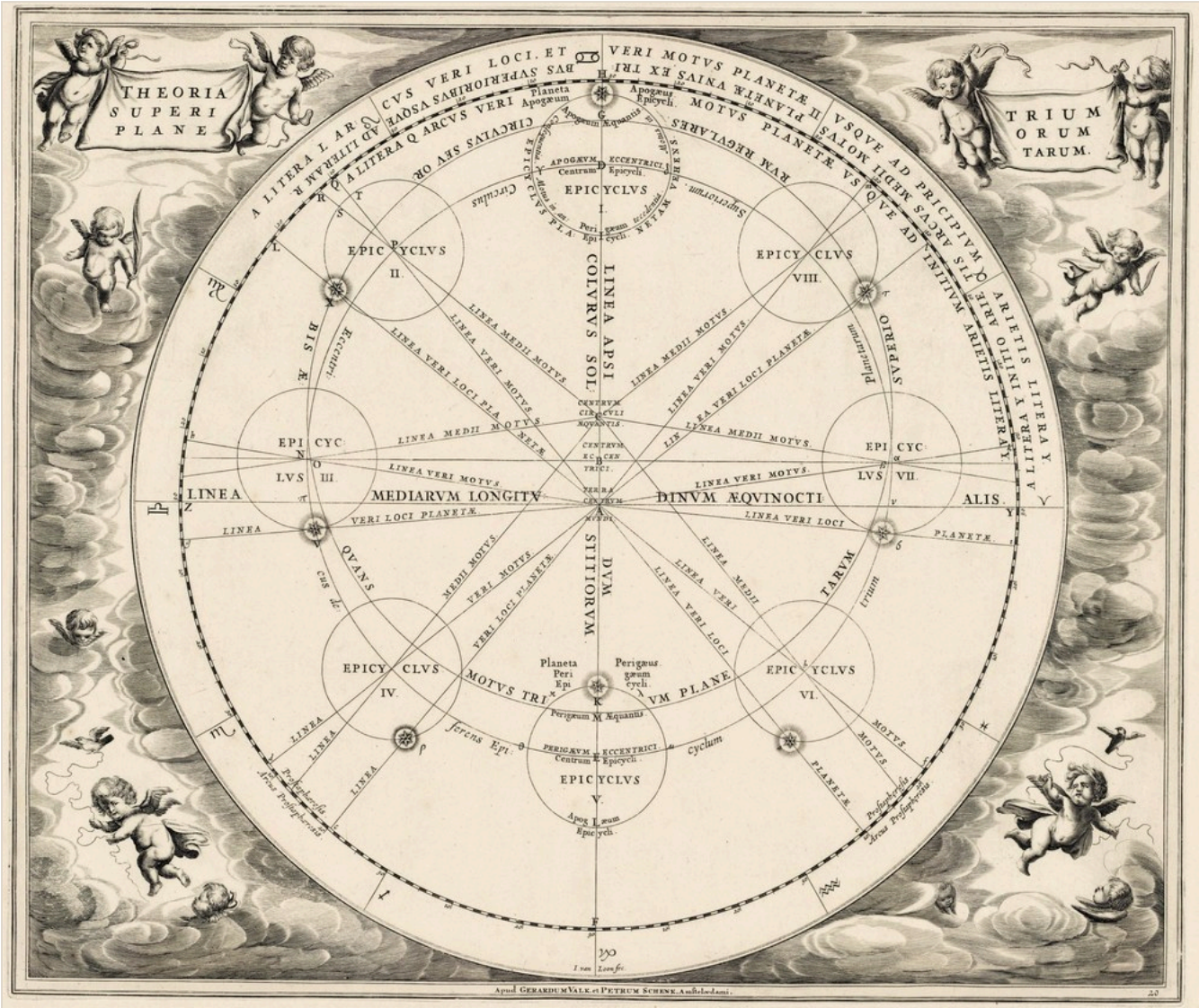


Theoria Trium Superiorum Planetarum

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer	Johannes van Loon (printmaker); published by Pieter Schenk (I) and Gerard Valck
Credits	Johannes van Loon (printmaker); Pieter Schenk (I) and Gerard Valck (publishers), Amsterdam
Imprint	Amsterdam: Pieter Schenk (I) and Gerard Valck, 1708 (Rijksmuseum record)
Year	1708
Technique	Engraving, uncoloured (black and white impression)
Source	Rijksmuseum, Amsterdam, object RP-P-AO-29-1-22 (scan published as CC0 via Wikimedia Commons) https://www.rijksmuseum.nl/en/collection/RP-P-AO-29-1-22 · Original: public domain, Rijksmuseum, Amsterdam. Restoration (c) Old Map Studio.
Notes	Celestial map showing theories of the orbits of Mars, Jupiter and Saturn around the Earth (epicycles), with decorative title cartouches held by putti in the upper corners. Numbered 20 at the lower right; collector's mark Lugt 2228. The Rijksmuseum dates the plate 1660, also 1708, and

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 234.72, warmth 32.0.
- Scanner edge removed: top 0, bottom 0, left 0, right 2 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: There are no library stamps inside the map frame. 25 small specks of dirt (7 inside the frame, 18 on the margins) and 82 brown foxing spots were lifted from the paper; 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 2 of 255 · ink area 1.01× the source
Nothing is burnt out at either end	0.00% of the sheet clipped to white · 0.02% crushed to black
The paper is even across the whole sheet	level 235 · unevenness 2.11, 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	0.86 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

352-hemelkaart-met-een-theorie-over-epicykels-1708-full-300dpi.jpg	20.5 MB
352-hemelkaart-met-een-theorie-over-epicykels-1708-trim-300dpi.jpg	16.7 MB
formats/352-hemelkaart-met-een-theorie-over-epicykels-1708-3x2-300dpi.jpg	19.1 MB
formats/352-hemelkaart-met-een-theorie-over-epicykels-1708-4x3-300dpi.jpg	17.9 MB
formats/352-hemelkaart-met-een-theorie-over-epicykels-1708-5x4-300dpi.jpg	17.1 MB
formats/352-hemelkaart-met-een-theorie-over-epicykels-1708-iso-300dpi.jpg	18.5 MB

Six print files and this passport, 110 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: 37.8 × 31.7 cm. At 240 dpi: 47.2 × 39.6 cm. At 200 dpi, still sharp on matte paper at arm's length: 56.6 × 47.6 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	2.0	2-22
black point (full resolution)	2.0	2-14
white point	239.0	237-244
clipped highlights, %	0.0	0
crushed shadows, %	0.02	0
paper level	234.72	227-237
paper evenness across the sheet	2.11	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	0.86	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	533.41	>= 20

Restoration © Old Map Studio, 2026-09-26. The original map is in the public domain. This passport records what was measured, not what was hoped for.