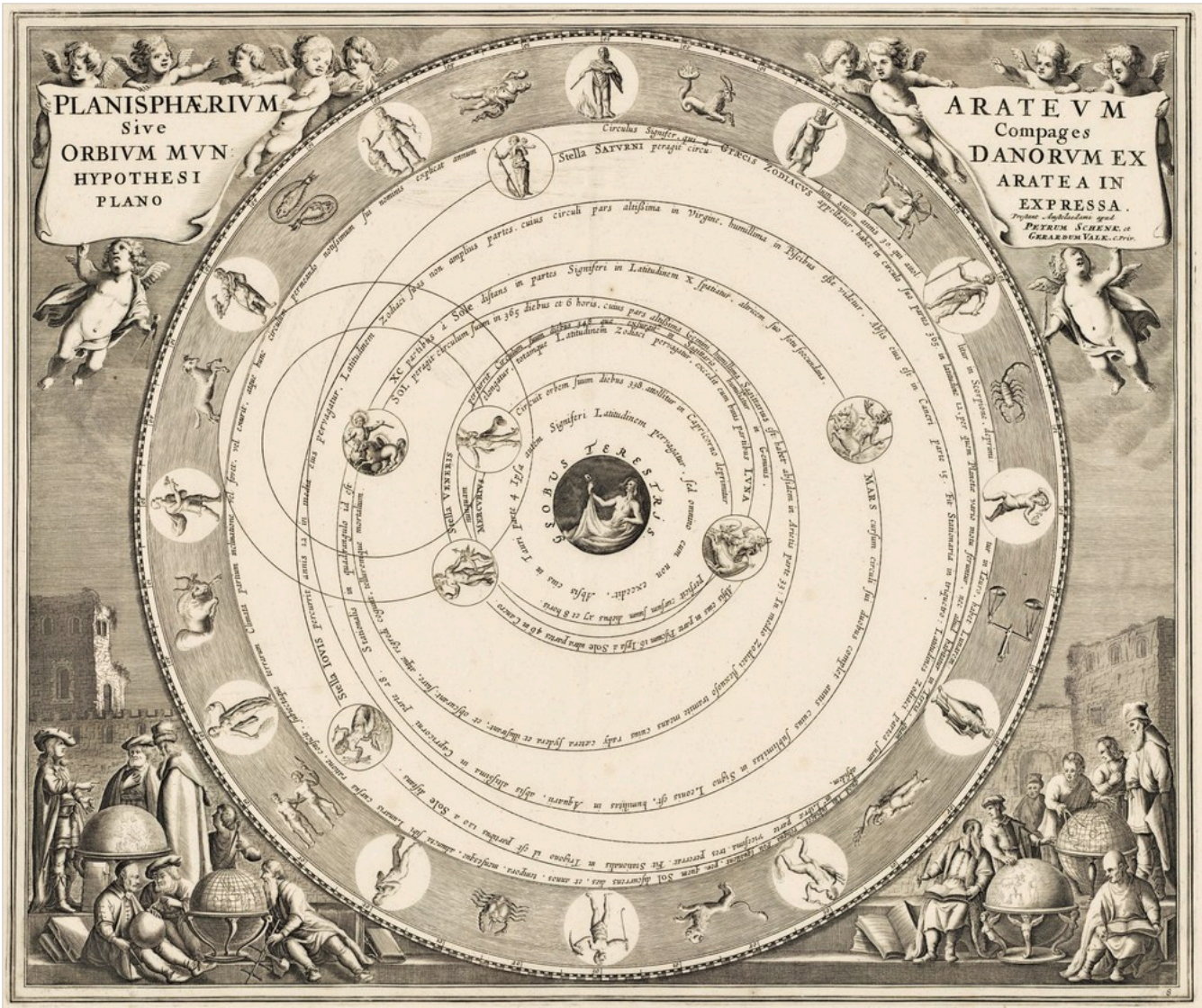


Planisphaerium Arateum

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer	Anonymous; published by Pieter Schenk (I) and Gerard Valck
Credits	Anonymous (engraver); published by Pieter Schenk (I) and Gerard Valck, Amsterdam
Imprint	Prostant Amstelaedami apud Petrum Schenk et Gerardum Valk, C. Priv. (read from the sheet itself at 1:1)
Year	1708
Technique	Engraving and etching, uncoloured (black and white impression)
Source	Rijksmuseum, Amsterdam, object RP-P-AO-29-1-10 (scan published as CC0 via Wikimedia Commons) https://www.rijksmuseum.nl/en/collection/RP-P-AO-29-1-10 · Original: public domain (CC0 / Public Domain Mark), Rijksmuseum, Amsterdam. Restoration (c) Old Map Studio.
Notes	The system of Aratus: the earth at the centre (GLOBUS TERRESTRIS) inside the orbits of the planets, ringed by the zodiac with its signs and by descriptive Latin legends set along the circles. Winged putti hold the two title banners; scholars with globes and instruments fill the lower corners.

Plate number 8 at the lower right inside the plate rule. The Rijksmuseum dates the plate 1660-1708. This impression carries the imprint of Pieter Schenk (I) and Gerard Valck of Amsterdam and belongs to their edition: the record states that the sheet was included in *Harmonia Macrocosmica seu Atlas Universalis et Novus*, Amsterdam, 1708. The earlier bound of the museum's range refers to the engraving of the plate, not to the printing of this sheet.

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 234.66, 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: The sheet carries no library stamps. The museum inventory number RP-P-AO-29-1-10 is written in pencil on the lower left margin; it lies outside the trim frame, so it does not appear in the map file and was left untouched on the sheet. 59 small specks of dirt were removed from the paper (12 inside the frame, 47 on the margins); 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 7 of 255 · ink area 1.01× 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 2.41, 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	1.34× 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

1084-hemelkaart-van-het-stelsel-van-aratus-1708-full-300dpi.jpg	11.4 MB
1084-hemelkaart-van-het-stelsel-van-aratus-1708-trim-300dpi.jpg	9.7 MB
formats/1084-hemelkaart-van-het-stelsel-van-aratus-1708-3x2-300dpi.jpg	11.1 MB

formats/1084-hemelkaart-van-het-stelsel-van-aratus-1708-4x3-300dpi.jpg	10.6 MB
formats/1084-hemelkaart-van-het-stelsel-van-aratus-1708-5x4-300dpi.jpg	9.9 MB
formats/1084-hemelkaart-van-het-stelsel-van-aratus-1708-iso-300dpi.jpg	10.8 MB
1084-hemelkaart-van-het-stelsel-van-aratus-1708-passport.pdf	this document

Six print files and this passport, 64 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: 38.2 × 32.0 cm. At 240 dpi: 47.8 × 40.0 cm. At 200 dpi, still sharp on matte paper at arm's length: 57.4 × 48.0 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	7.0	2-22
black point (full resolution)	6.0	2-14
white point	239.0	237-244
clipped highlights, %	0.0	0
crushed shadows, %	0.0	0
paper level	234.66	227-237
paper evenness across the sheet	2.41	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	1.34	>= 1.00
halo around lines	0.0	0-2
ink area vs source	1.01	0.90-1.12
absolute edge sharpness	549.35	>= 20

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