

Planisphaerii Coelestis Hemisphaerium Meridionale

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer	Carel Allard (1648-approximately 1709)
Credits	Carel Allard (1648-approximately 1709); published by Covens et Mortier
Imprint	[Amsterdam] : I. Covens et C. Mortier, [1700]
Year	1700
Technique	Technique not stated in the record; uncoloured (black and white impression)
Source	Library of Congress, Geography and Map Division, G3190 1700 .A4 https://www.loc.gov/item/2012590167/ · Original: public domain, Library of Congress, Geography and Map Division (no known restrictions). Restoration (c) Old Map Studio.
Notes	Shows the southern celestial hemisphere with the signs of the zodiac and the constellations shown pictorially. Includes tables and notes concerning stars, and insets depicting solar observations, lunar imagery, eclipse memoranda and planetary data. Appears in: Atlas nouveau contenant toutes les parties du monde.

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 235.72, warmth 32.0.
- Scanner edge removed: top 105, bottom 140, left 95, right 134 px. No mount board: the sheet was scanned on its own.
- The printed line deepened by a monotone tone curve; ink area changed by 0.94× — the lines are darker, not thicker.
- Owner marks: There are no library stamps inside the map frame. 66 small specks of dirt (46 inside the frame, 20 on the margins) and 118 brown foxing spots were lifted from the paper, 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 0.94× the source
Nothing is burnt out at either end	0.01% of the sheet clipped to white · 0.00% crushed to black
The paper is even across the whole sheet	level 236 · unevenness 1.47, 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	0.92 of the grain the archive scan itself had
Lines are sharper than the scan, with no halo	1.07× 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

441-planisphaerii-coelestis-hemisphaerium-meridionale-calculatum-ad-1700-full-300dpi.jpg	46.6 MB
441-planisphaerii-coelestis-hemisphaerium-meridionale-calculatum-ad-1700-trim-300dpi.jpg	43.5 MB
formats/441-planisphaerii-coelestis-hemisphaerium-meridionale-calculatum-ad-1700-3x2-300dpi.jpg	50.2 MB
formats/441-planisphaerii-coelestis-hemisphaerium-meridionale-calculatum-ad-1700-4x3-300dpi.jpg	46.9 MB
formats/441-planisphaerii-coelestis-hemisphaerium-meridionale-calculatum-ad-1700-5x4-300dpi.jpg	45.3 MB
formats/441-planisphaerii-coelestis-hemisphaerium-meridionale-calculatum-ad-1700-iso-300dpi.jpg	48.5 MB
441-planisphaerii-coelestis-hemisphaerium-meridionale-calculatum-ad-1700-passport.pdf	this document

Six print files and this passport, 281 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: 78.9 × 68.1 cm. At 240 dpi: 98.6 × 85.1 cm. At 200 dpi, still sharp on matte paper at arm's length: 118.4 × 102.2 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	16.0	2-22
black point (full resolution)	10.0	2-14
white point	242.0	237-244
clipped highlights, %	0.01	0
crushed shadows, %	0.0	0
paper level	235.72	227-237
paper evenness across the sheet	1.47	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	0.92	0.60-1.00
edge sharpness vs source	1.07	>= 1.00
halo around lines	0.0	0-2
ink area vs source	0.94	0.90-1.12
absolute edge sharpness	493.96	>= 20

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