

Hemisphere Septentrional pour voir plus distinctement les Terres Arctiques

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer	Guillaume Delisle (1675-1726); published by Reinier Ottens (1698-1750) and Josua Ottens (1704-1765)
Credits	Guillaume Delisle (1675-1726), cartographer; Reinier and Josua Ottens, publishers, Amsterdam
Imprint	Amsterdam: chez R. & I. Ottens, Geog.r, [not before 1740]
Year	1740

Technique	Copper engraving; not stated in the record; this copy carries original outline hand colouring, read from the sheet
Source	Biblioteka Narodowa, Polona, ZZK 28 841 https://polona.pl/item/MTI4NTY1ODU1/ · Polona/BN public domain (commercial OK)
Notes	Title taken from the map border. Relief shown by hachures. Prime meridian at Ferro. Verso blank.

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 235.13, warmth 33.0.
- Scanner edge removed: top 170, bottom 166, left 177, right 171 px. No mount board: the sheet was scanned on its own.
- The printed line deepened by a monotone tone curve; ink area changed by 1.04× — the lines are darker, not thicker.
- Owner marks: Nothing was removed from the printed image. The sheet was scanned on a dark background; that scanner edge was trimmed off by the median, and the small losses of torn paper left inside the frame were filled with clean paper texture from the same sheet - no map content was drawn in. Loose specks of dirt were lifted. No library stamps or pencil shelf marks were found on this copy. A few small specks of the paper itself remain, visible only at 1:1.

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 1.04× the source
Nothing is burnt out at either end	0.02% of the sheet clipped to white · 0.00% crushed to black
The paper is even across the whole sheet	level 235 · unevenness 2.16, where 4 is the limit
The paper is warm — neither bleached nor tinted	R–B 33, inside the 24–40 band of the studio standard (paper tone D)
Paper texture is kept, not smoothed away	0.99 of the grain the archive scan itself had
Lines are sharper than the scan, with no halo	1.39× 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

476-hemisphere-septentrional-pour-voir-plus-distinctoment-1740-full-300dpi.jpg	72.2 MB
476-hemisphere-septentrional-pour-voir-plus-distinctoment-1740-trim-300dpi.jpg	49.7 MB
formats/476-hemisphere-septentrional-pour-voir-plus-distinctoment-1740-3x2-300dpi.jpg	65.7 MB
formats/476-hemisphere-septentrional-pour-voir-plus-distinctoment-1740-4x3-300dpi.jpg	56.4 MB
formats/476-hemisphere-septentrional-pour-voir-plus-distinctoment-1740-5x4-300dpi.jpg	57.7 MB
formats/476-hemisphere-septentrional-pour-voir-plus-distinctoment-1740-iso-300dpi.jpg	62.2 MB
476-hemisphere-septentrional-pour-voir-plus-distinctoment-1740-passport.pdf	this document

Six print files and this passport, 364 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: 91.0 × 92.3 cm. At 240 dpi: 113.7 × 115.3 cm. At 200 dpi, still sharp on matte paper at arm's length: 136.5 × 138.4 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	20.0	2-22
black point (full resolution)	14.0	2-14
white point	241.0	237-244
clipped highlights, %	0.02	0
crushed shadows, %	0.0	0
paper level	235.13	227-237
paper evenness across the sheet	2.16	0-4
paper warmth R-B	33.0	24-40
residual stains, %	0.0	0-0.2
residual specks, %	0.0	0-0.5
paper texture kept vs source	0.99	0.60-1.00
edge sharpness vs source	1.39	>= 1.00
halo around lines	0.0	0-2
ink area vs source	1.04	0.90-1.12
absolute edge sharpness	516.62	>= 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.