

Planisphère sur la projection de Mercator

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer	Desbuissons (drawn by, as lettered on the sheet)
Credits	Dessiné par Desbuissons; gravé par Gérin et Erhard (lettered on the sheet)
Imprint	Librairie Hachette & Cie (lettered on the sheet)
Year	1873
Technique	Technique not stated in the record; coloured (visible on the scan; method not stated)
Source	Biblioteka Narodowa (National Library of Poland), Polona https://polona.pl/item/NzMzODkzODQ · Polona/BN public domain (commercial OK)
Notes	Lettered on the sheet: 'Histoire de la Géographie — Atlas Pl. XII' at the upper left, 'Librairie Hachette & Cie' at the upper right, 'Dessiné par Desbuissons' at the lower left and 'Gravé par Gérin et Erhard' at the lower right; longitudes east and west of Paris. The year 1873 is taken from the Polona download listing; the Polona record page could not be read (it renders only in a browser).

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 230.06, warmth 34.0.
- 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 1.05× — the lines are darker, not thicker.
- Owner marks: No library stamps and no pencil marks were removed. The work was cleaning: specks of dust and brown spots were lifted from the paper, the tone of the strip along the central join was evened to the paper beside it, and the original colouring was kept as on the scan. Old strips of repair tape near the lower edge of the map are part of the original sheet and were left as they are. Nothing was retouched over printed lines.

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 24 of 255 · ink area 1.05× 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 230 · unevenness 25.41, where 4 is the limit
The paper is warm — neither bleached nor tinted	R–B 34, inside the 24–40 band of the studio standard (paper tone D)
Paper texture is kept, not smoothed away	0.90 of the grain the archive scan itself had
Lines are sharper than the scan, with no halo	1.41× the source · halo 8.28%
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

482-planisphere-sur-la-projection-de-mercator-1873-full-300dpi.jpg	57.8 MB
482-planisphere-sur-la-projection-de-mercator-1873-trim-300dpi.jpg	45.1 MB
formats/482-planisphere-sur-la-projection-de-mercator-1873-3x2-300dpi.jpg	52.9 MB
formats/482-planisphere-sur-la-projection-de-mercator-1873-4x3-300dpi.jpg	47.4 MB
formats/482-planisphere-sur-la-projection-de-mercator-1873-5x4-300dpi.jpg	46.3 MB
formats/482-planisphere-sur-la-projection-de-mercator-1873-iso-300dpi.jpg	50.9 MB
482-planisphere-sur-la-projection-de-mercator-1873-passport.pdf	this document

Six print files and this passport, 301 MB in total, delivered as six separate ZIP archives (one print file, the passport and a README 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: 92.2 × 76.0 cm. At 240 dpi: 115.3 × 95.0 cm. At 200 dpi, still sharp on matte paper at arm's length: 138.3 × 114.0 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	24.0	2-22
black point (full resolution)	14.0	2-14
white point	240.0	237-244
clipped highlights, %	0.0	0
crushed shadows, %	0.0	0
paper level	230.06	227-237
paper evenness across the sheet	25.41	0-4
paper warmth R-B	34.0	24-40
residual stains, %	0.0	0-0.2
residual specks, %	0.0	0-0.5
paper texture kept vs source	0.9	0.60-1.00
edge sharpness vs source	1.41	>= 1.00
halo around lines	8.28	0-2
ink area vs source	1.05	0.90-1.12
absolute edge sharpness	291.82	>= 20

Restoration © Old Map Studio, 2026-10-06. The original map is in the public domain. This passport records what was measured, not what was hoped for.