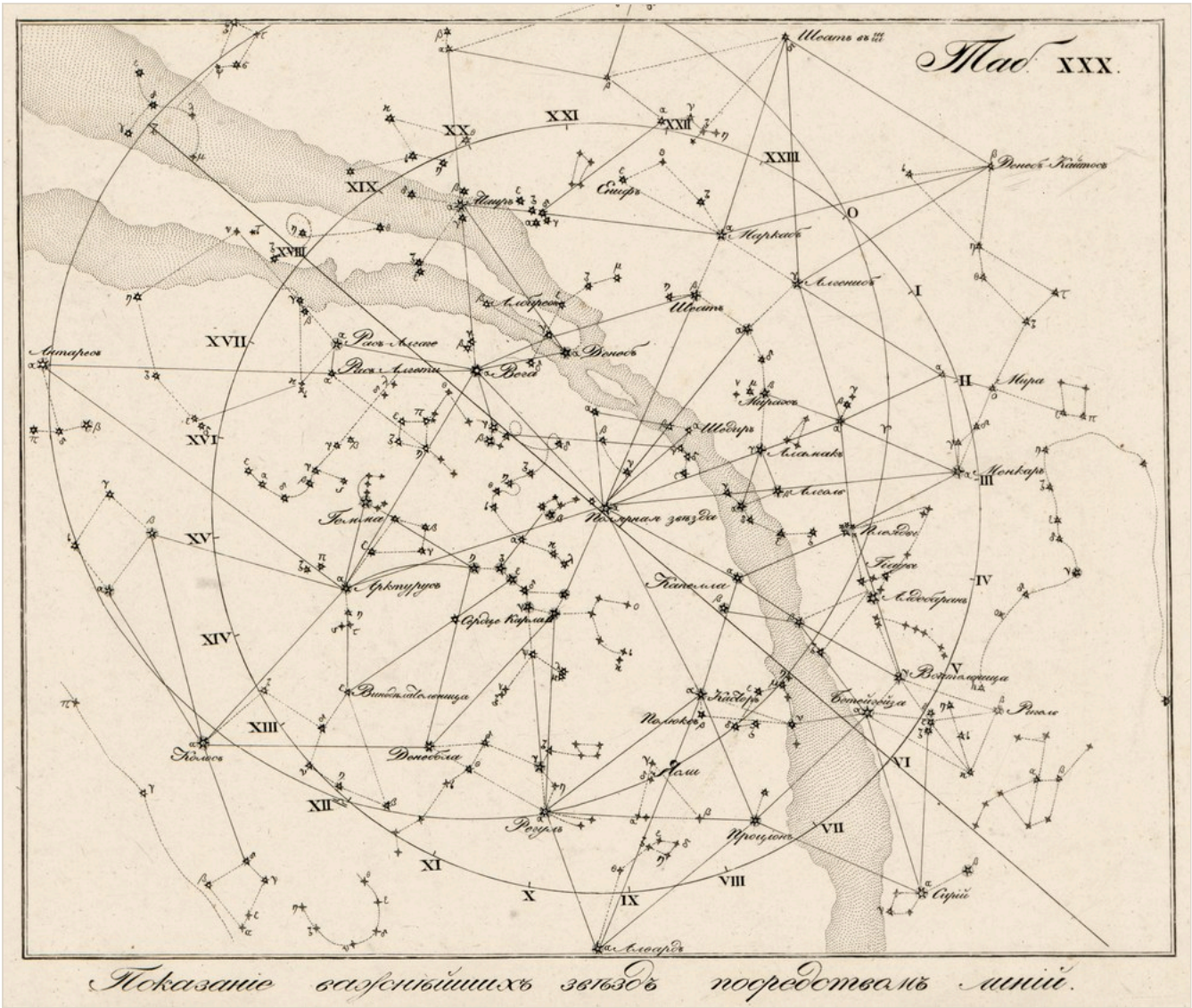


Tab. XXX: Pokazanie vazhneishikh zvezd posredstvom linii

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer	Kornelius Reissig (K. Reissig)
Imprint	Sanktpetersburg : V Tipografii Kh. Gintsa, 1829
Year	1829
Technique	Technique not stated in the record; printed in black (record)
Source	Library of Congress, Geography and Map Division, G1000.2 .R4 1829 https://www.loc.gov/item/2012587277/ · Original: public domain, Library of Congress, Geography and Map Division (no known restrictions). Restoration (c) Old Map Studio.
Notes	The thirtieth and last plate of Reissig's Russian star atlas of 1829: a star chart without constellation figures, showing the principal stars by means of lines, as its Russian caption says, with the Milky Way stippled, star names in Russian and hour circles numbered I-XXIV. Record: the thirtieth plate is printed in black directly on the paper and is a star chart without images (plates I-XXIX are printed in gold on black). LC copy bound in tooled and gilded red-orange leather; Madison Council purchase, Feb. 2012.

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 235.02, warmth 32.0.
- 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 1.04× — the lines are darker, not thicker.
- Owner marks: Small specks of dirt and 74 brown foxing spots were lifted from the paper; the plate is shown within its printed border and caption, without the blank margins of the atlas leaf. No printed line was retouched and no part of the chart 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 1.04× the source
Nothing is burnt out at either end	0.00% of the sheet clipped to white · 0.03% crushed to black
The paper is even across the whole sheet	level 235 · unevenness 0.89, 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	0.85 of the grain the archive scan itself had
Lines are sharper than the scan, with no halo	1.26× 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

442-sozviezdiia-predstavleniya-na-xxx-tabiltsakh-s-1829-full-300dpi.jpg	43.2 MB
442-sozviezdiia-predstavleniya-na-xxx-tabiltsakh-s-1829-trim-300dpi.jpg	17.0 MB
formats/442-sozviezdiia-predstavleniya-na-xxx-tabiltsakh-s-1829-3x2-300dpi.jpg	19.5 MB
formats/442-sozviezdiia-predstavleniya-na-xxx-tabiltsakh-s-1829-4x3-300dpi.jpg	18.2 MB
formats/442-sozviezdiia-predstavleniya-na-xxx-tabiltsakh-s-1829-5x4-300dpi.jpg	17.5 MB
formats/442-sozviezdiia-predstavleniya-na-xxx-tabiltsakh-s-1829-iso-300dpi.jpg	18.8 MB
442-sozviezdiia-predstavleniya-na-xxx-tabiltsakh-s-1829-passport.pdf	this document

Six print files and this passport, 134 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: 30.4 × 25.7 cm. At 240 dpi: 38.0 × 32.1 cm. At 200 dpi, still sharp on matte paper at arm's length: 45.6 × 38.5 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	2.0	2-22
black point (full resolution)	5.0	2-14
white point	240.0	237-244
clipped highlights, %	0.0	0
crushed shadows, %	0.03	0
paper level	235.02	227-237
paper evenness across the sheet	0.89	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	0.85	0.60-1.00
edge sharpness vs source	1.26	>= 1.00
halo around lines	0.0	0-2
ink area vs source	1.04	0.90-1.12
absolute edge sharpness	505.14	>= 20

Restoration © Old Map Studio, 2026-09-25. The original map is in the public domain. This passport records what was measured, not what was hoped for.