< 0.50 mag

< 1.50 mag

< 2.50 mag

< 3.50 mag

< 4.50 mag

< 5.50 mag

< 6.50 mag

< 7:50 mag

Mars

N E S

Maps for 2017-08-21 solar eclipse, longitude $-\mathbf{123}°$, latitude $\mathbf{45}°$, 17:18 UTC assuming rather transparent air. Lines from N(E,S,W) to zenith shown (crosses each 10°). Centered on ζ UMa = Mizar, which is 43° to the right from N, at 33° height. Detailed maps 50° vertically, the first four maps 100°. *Jan Hollan, CzechGlobe*
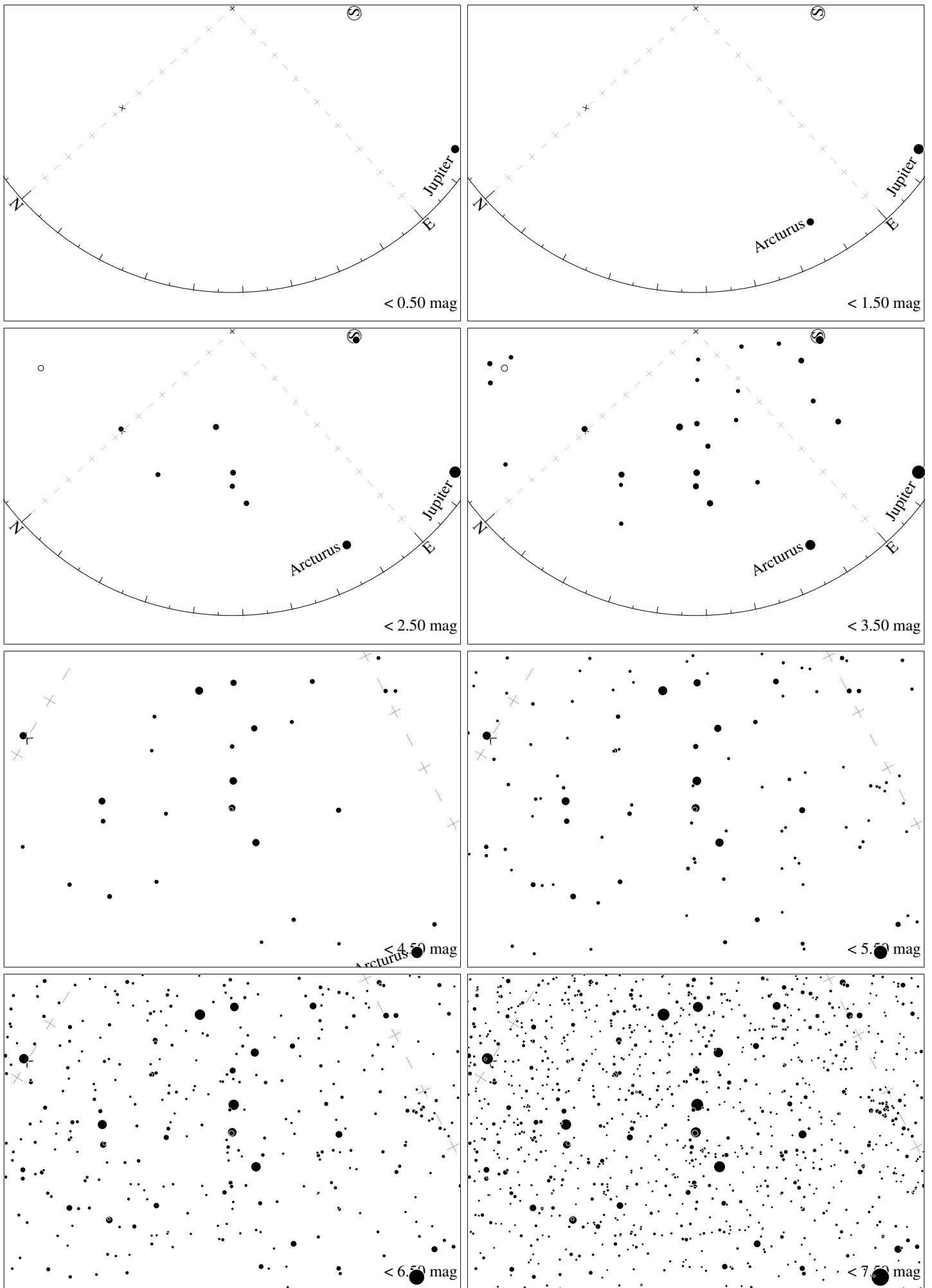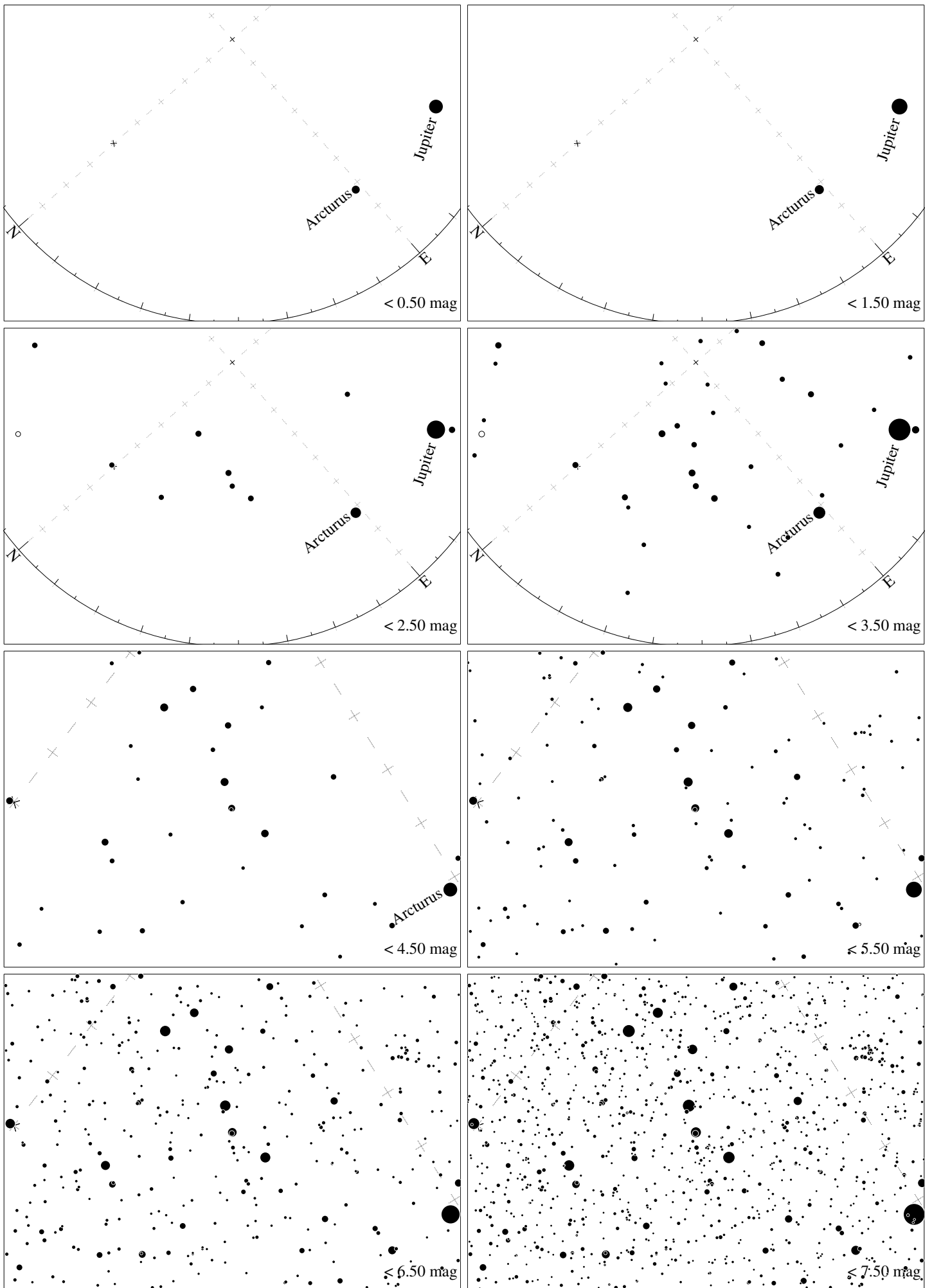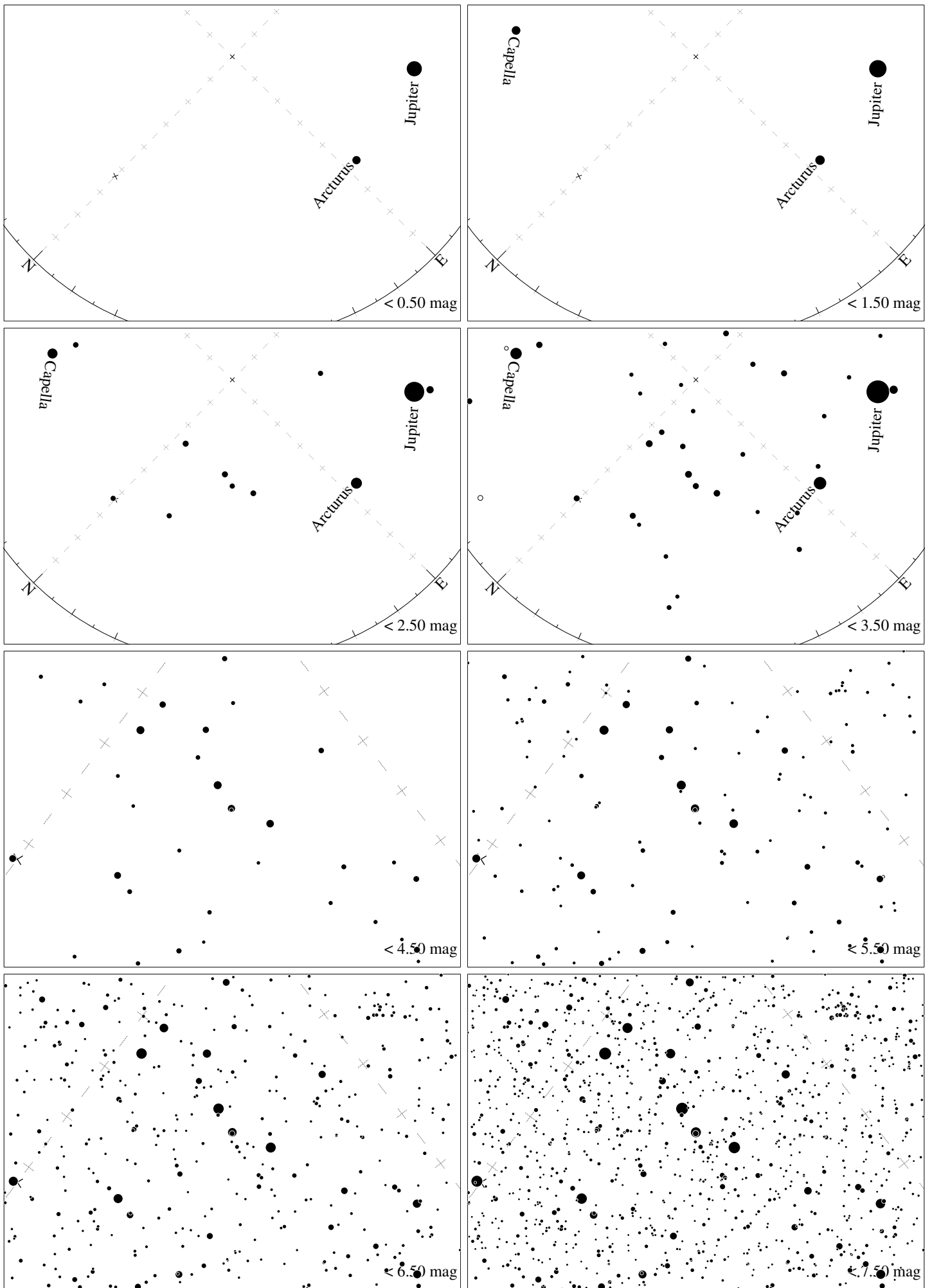
Maps for 2017-08-21 solar eclipse, longitude −**110°**, latitude **43°**, 17:37 UTC assuming rather transparent air. Lines from N(E,S,W) to zenith shown (crosses each 10°). Centered on ζ UMa = Mizar, which is 48° to the right from N, at 41° height. Detailed maps 50° vertically, the first four maps 100°. *Jan Hollan, CzechGlobe*
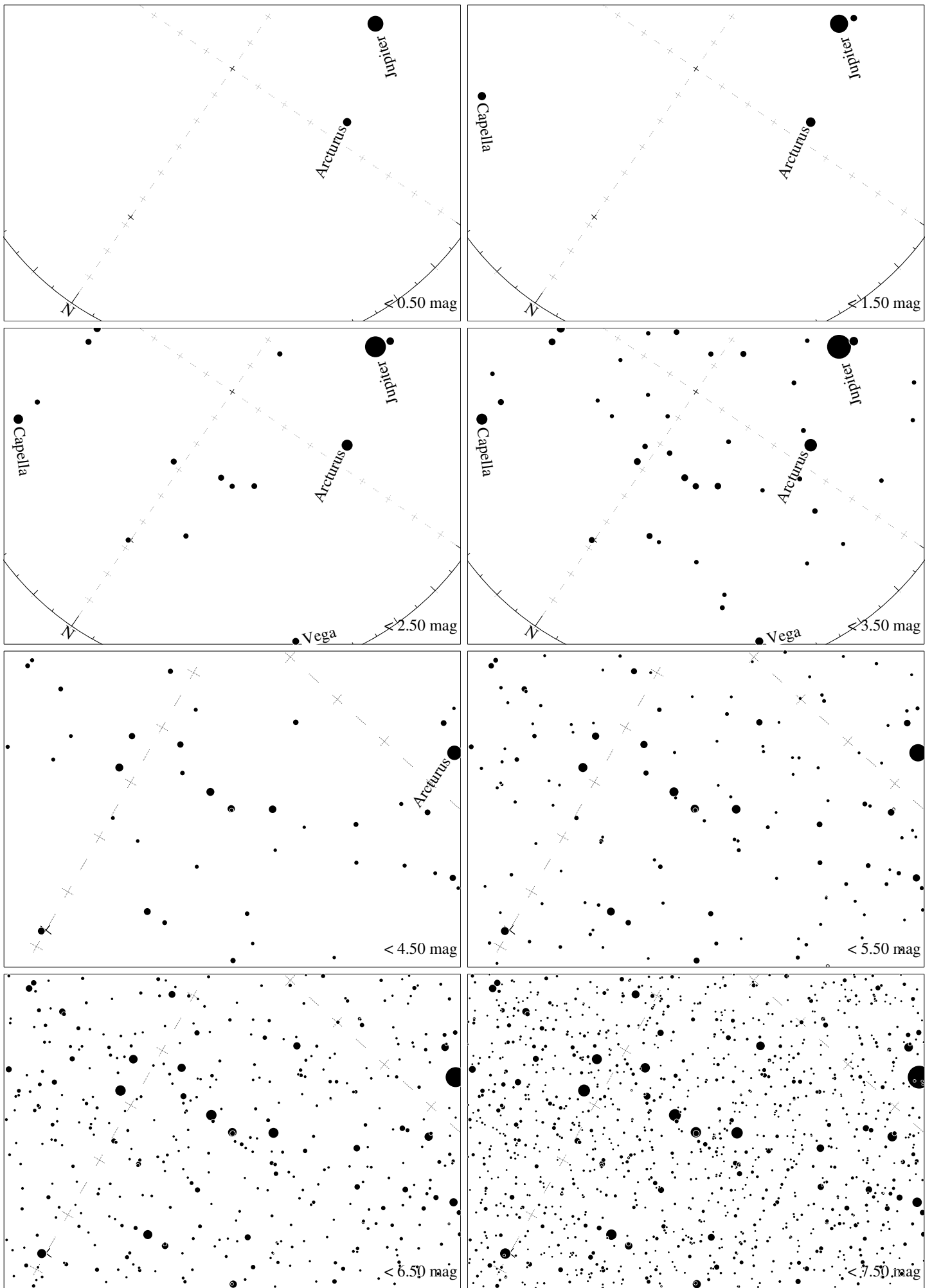
Maps for 2017-08-21 solar eclipse, longitude $-96°$, latitude $40°$, 18:05 UTC assuming rather transparent air. Lines from N(E,S,W) to zenith shown (crosses each 10°). Centered on ζ UMa = Mizar, which is 49° to the right from N, at 51° height. Detailed maps 50° vertically, the first four maps 100°. *Jan Hollan, CzechGlobe*

Maps for 2017-08-21 solar eclipse, longitude **−88°**, latitude **37°**, 18:26 UTC assuming rather transparent air. Lines from N(E,S,W) to zenith shown (crosses each 10°). Centered on ζ UMa = Mizar, which is 44° to the right from N, at 56° height. Detailed maps 50° vertically, the first four maps 100°. *Jan Hollan, CzechGlobe*

Maps for 2017-08-21 solar eclipse, longitude −**80°**, latitude **33°**, 18:46 UTC assuming rather transparent air. Lines from N(E,S,W) to zenith shown (crosses each 10°). Centered on ζ UMa = Mizar, which is 34° to the right from N, at 60° height. Detailed maps 50° vertically, the first four maps 100°. *Jan Hollan, CzechGlobe*