

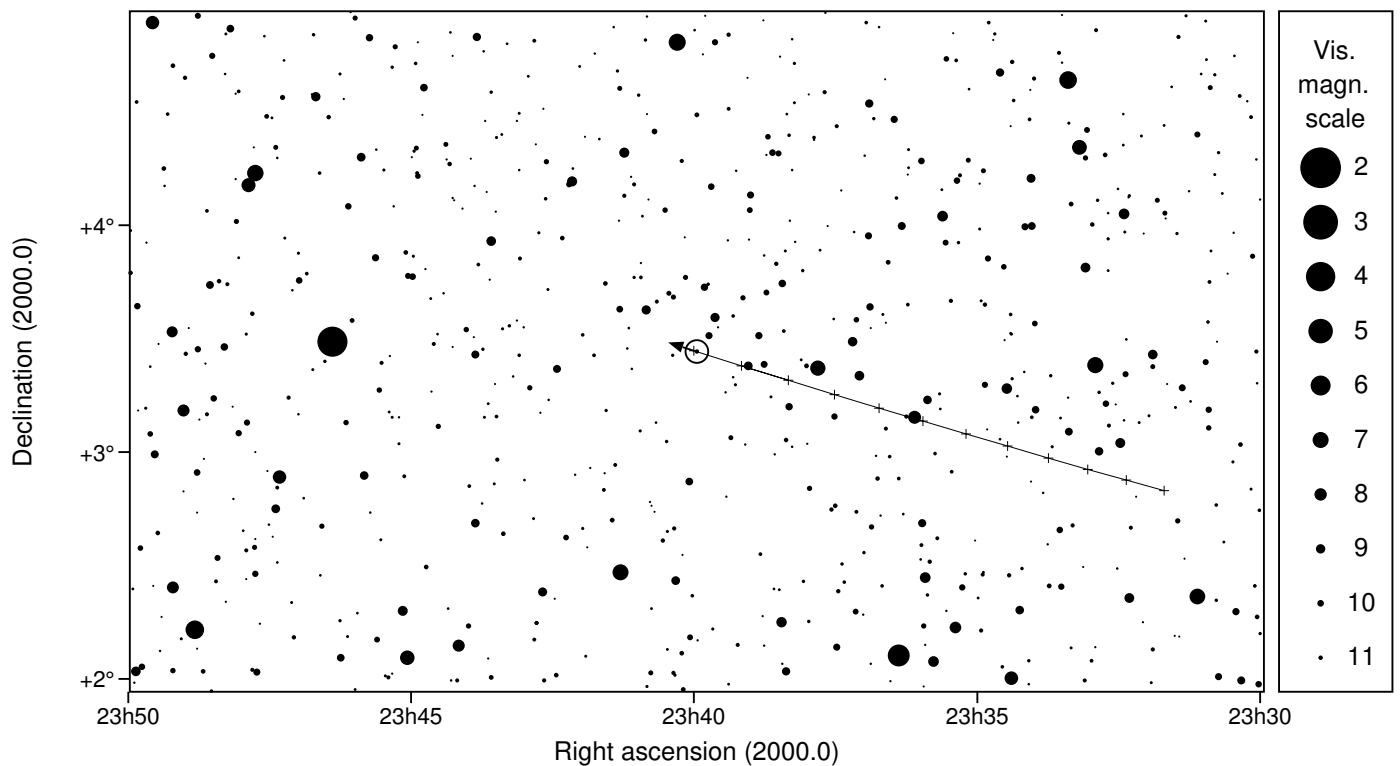
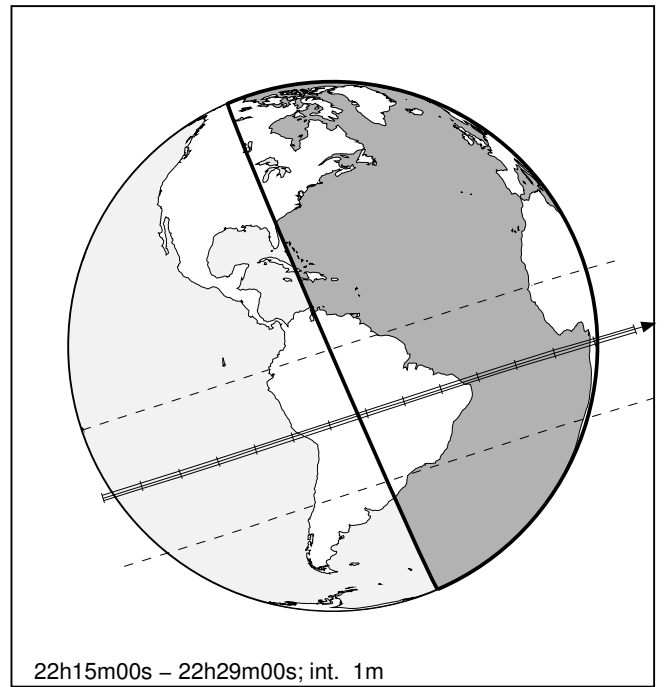
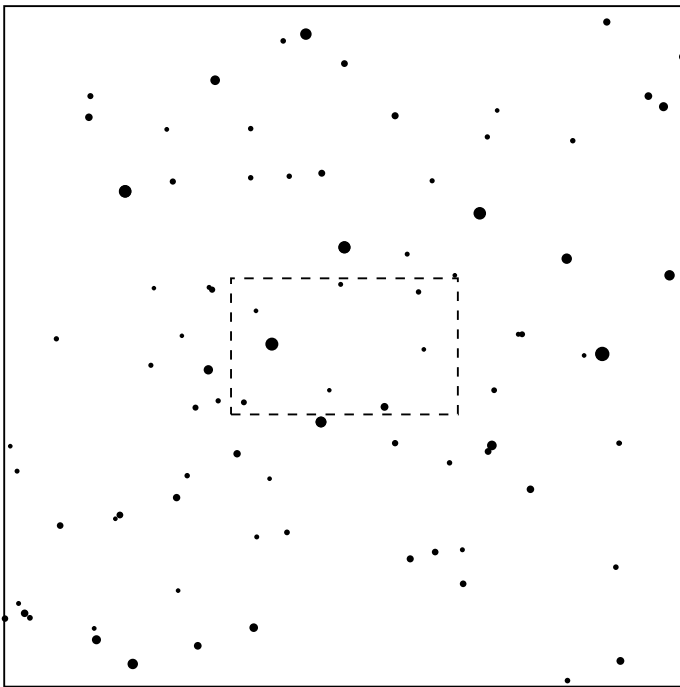
111 Ate & TYC 0588-00044-1

2025 dec 17 22^h21.7^m U.T.

Planet: $a = 2.59, e = 0.10$
 V. mag. = 13.04 Diam. = 139.0 km = 0.08"
 $\mu = 33.49''/h$ $\pi = 3.70''$ Ref. = EG2023

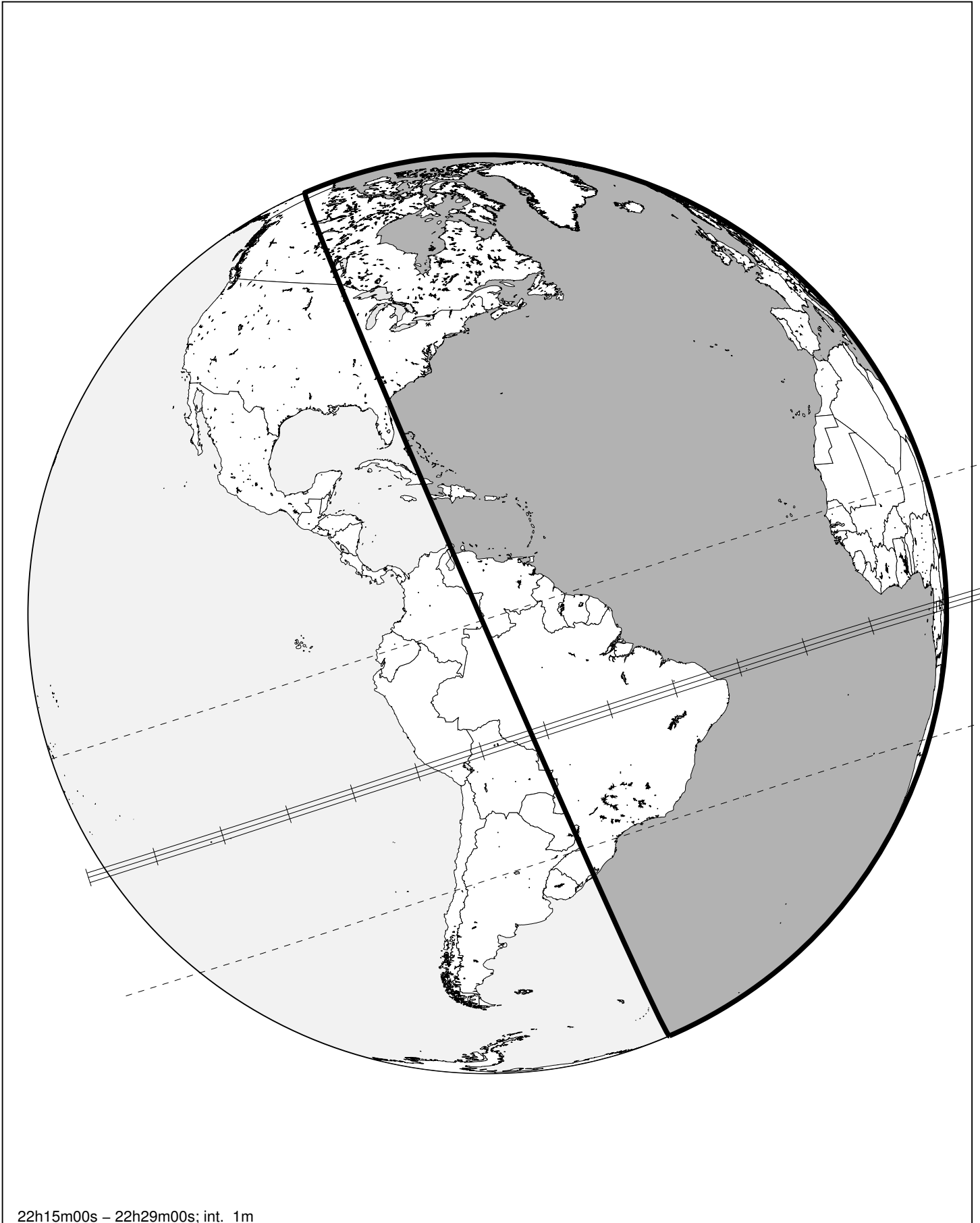
Star: Source cat. DR3
 $\alpha = 23^{\text{h}}39^{\text{m}}56.979^{\text{s}}$ $\delta = +03^{\circ}26'31.95''$
 Vmag = 11.04 Bmag = 11.53

$\Delta m = 2.2$ Max. dur. = 8.7s Sun : 90° Moon : 115°, 4%



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2025 dec 17 22^h21.7^m U.T.



22h15m00s – 22h29m00s; int. 1m