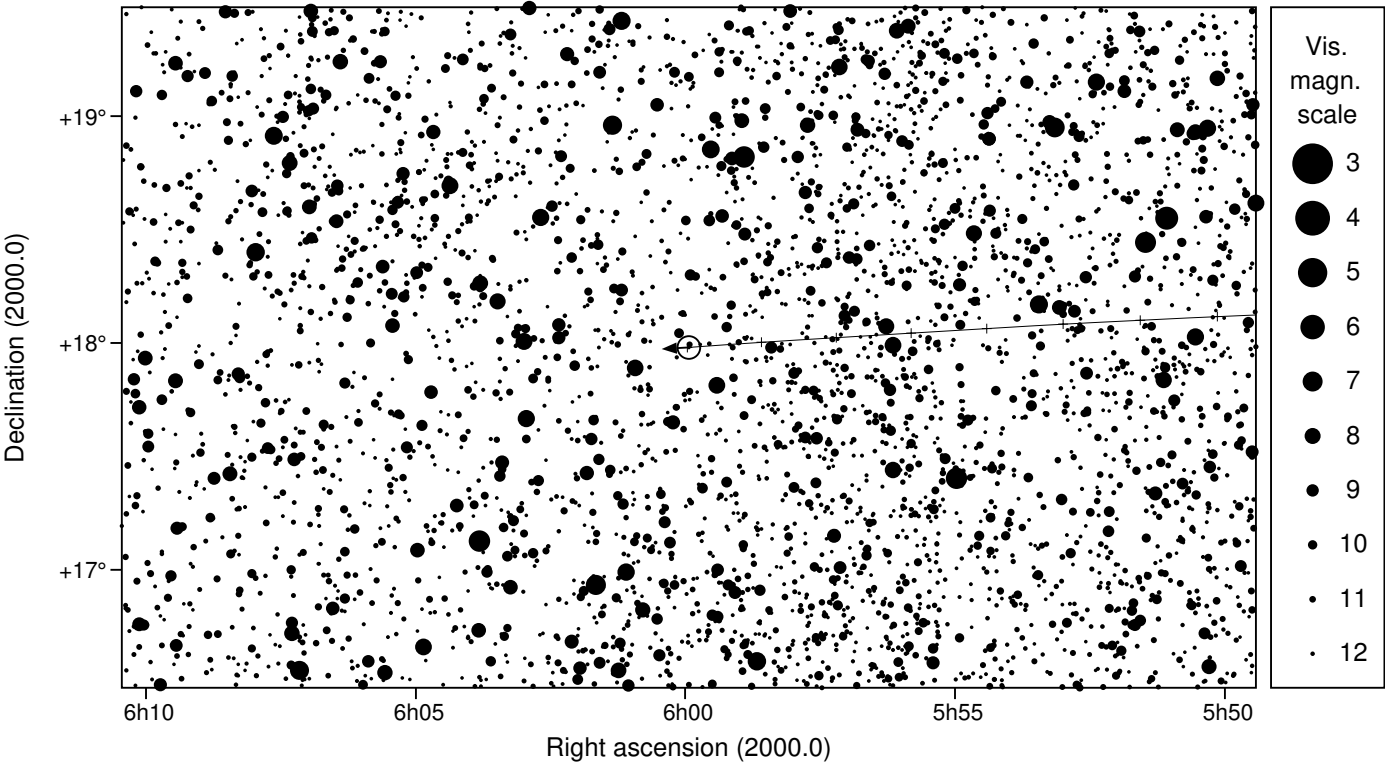
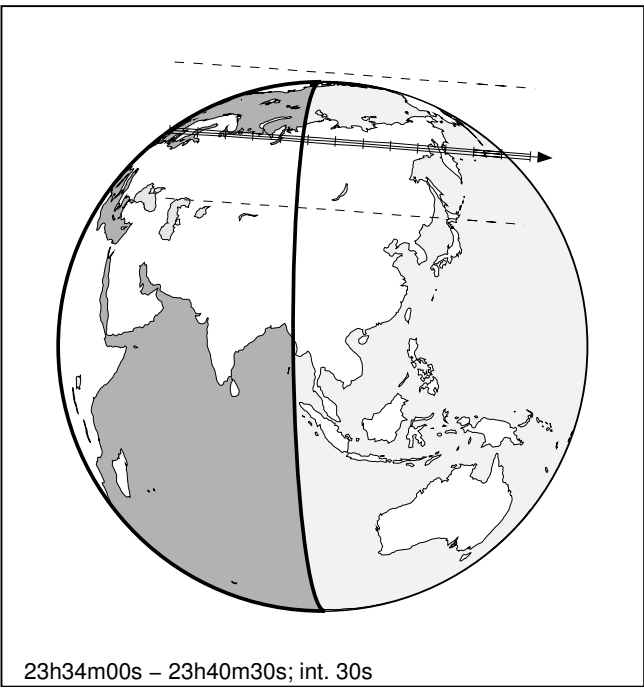
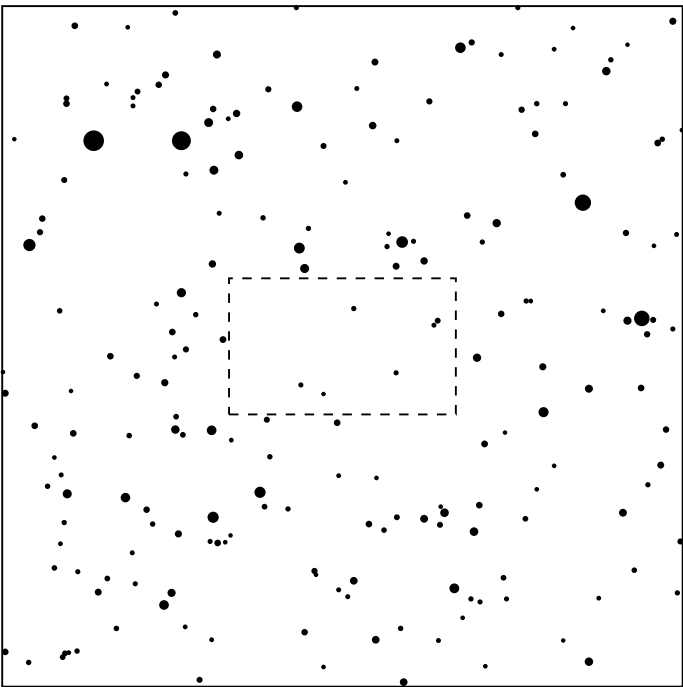


5 Astraea & UCAC5 540-021235

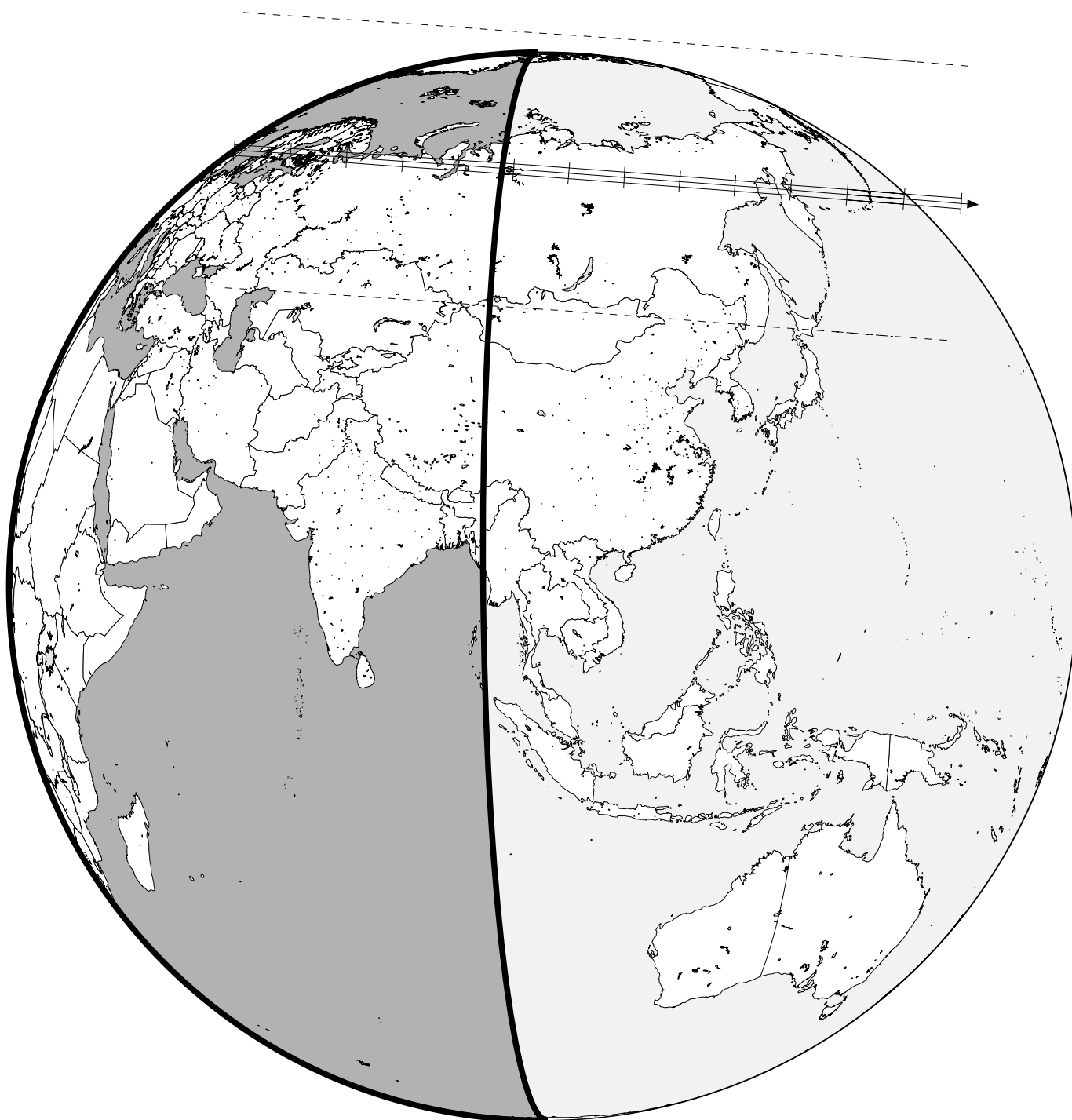
2023 sep 16 23^h37.0^m U.T.

Planet:	$a = 2.57, e = 0.19$	Star:	Source cat. UCAC5
V. mag. = 11.66	Diam. = 125.0 km = 0.08"	$\alpha = 5^{\text{h}}59^{\text{m}}55.986^{\text{s}}$	$\delta = +17^{\circ}58'48.29''$
$\mu = 48.71''/\text{h}$	$\pi = 3.88''$ Ref. = EG2021	Vmag = 12.49	Bmag = 12.68
$\Delta m = 0.4$	Max. dur. = 5.6s	Sun : 83°	Moon : 105° , 3%



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2023 sep 16 23^h37.0^m U.T.



23h34m00s – 23h40m30s; int. 30s