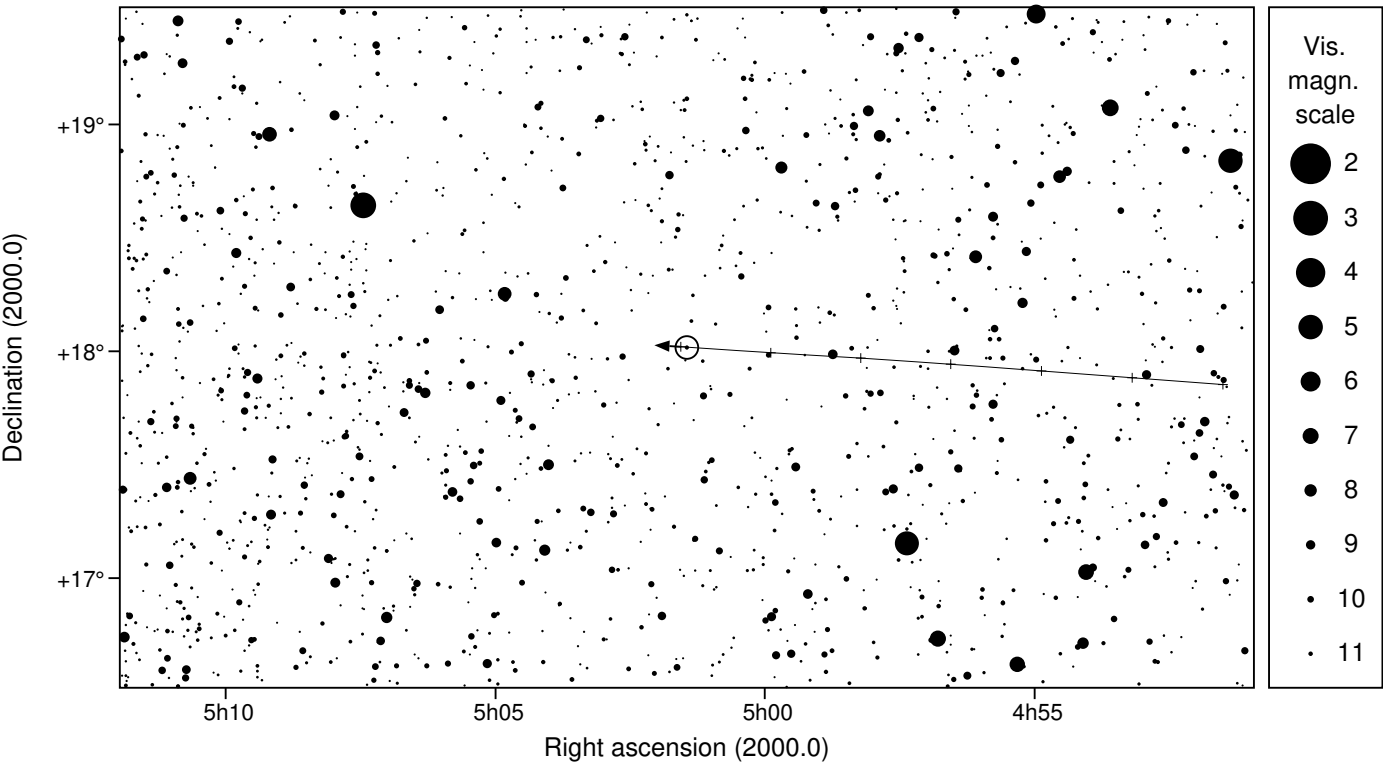
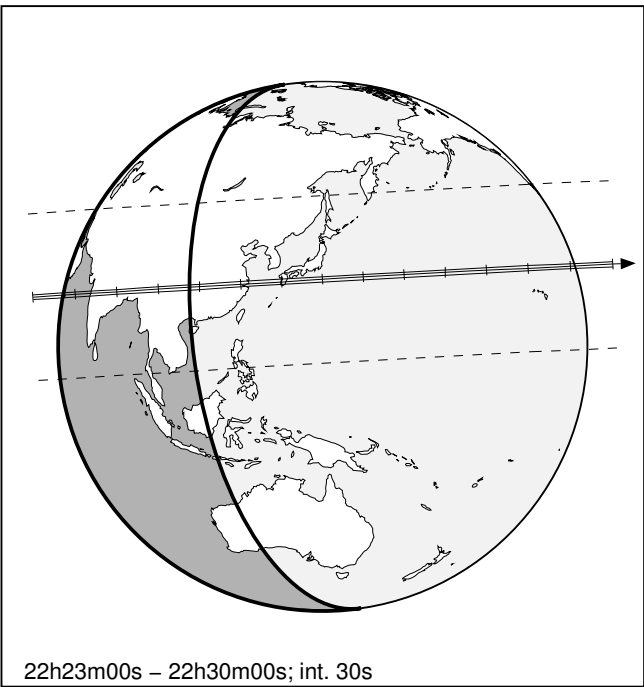
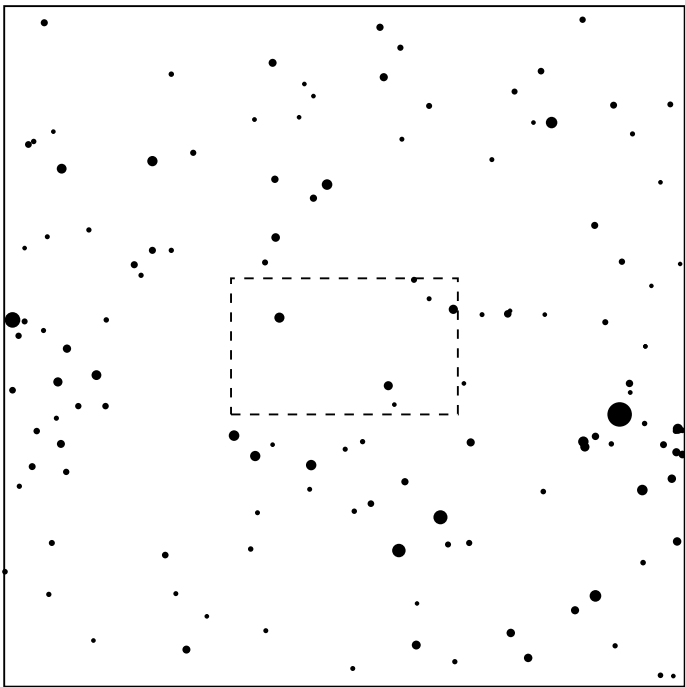


5 Astraea & UCAC4 541-011623

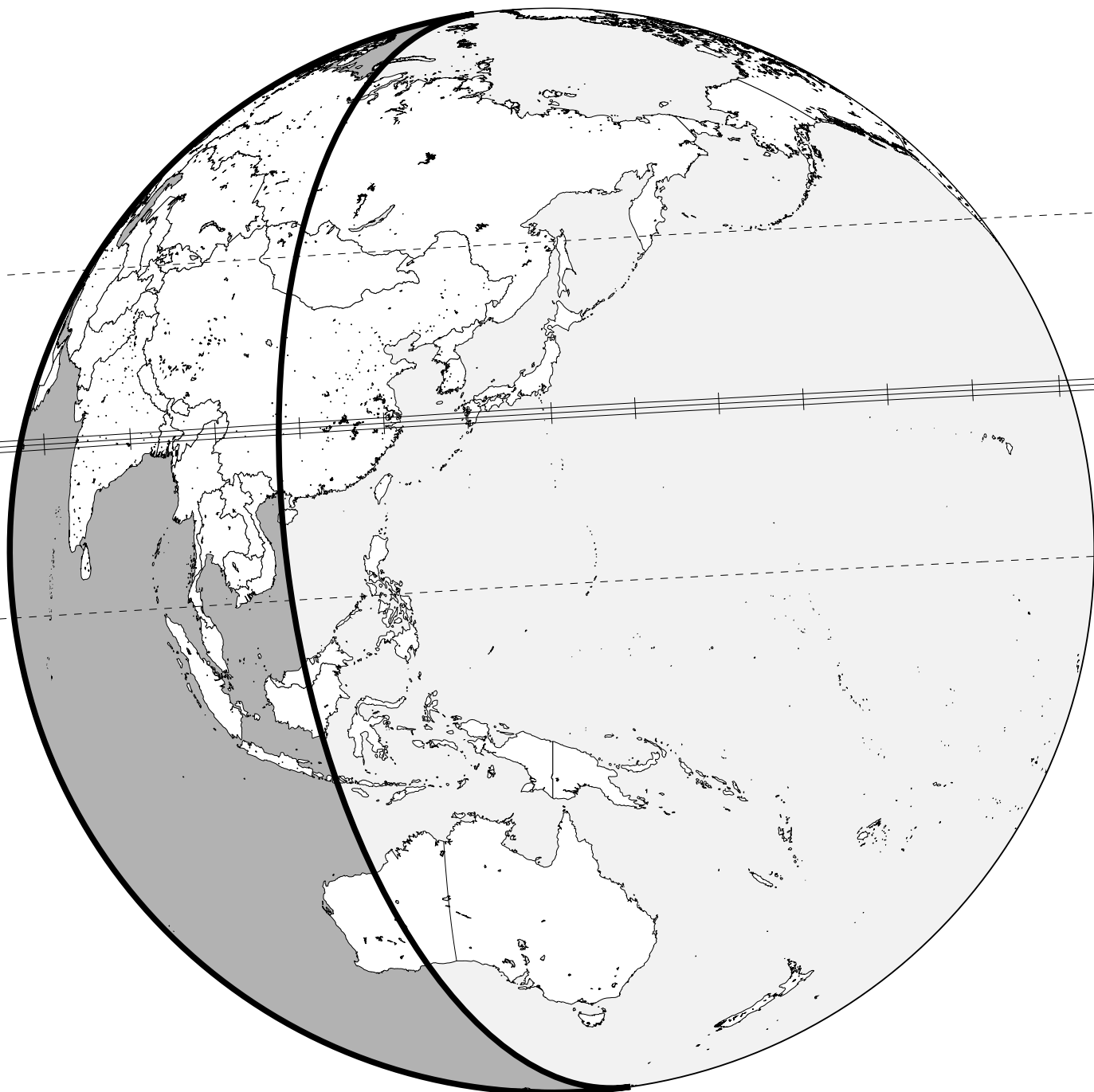
2023 aug 9 22^h26.5^m U.T.

Planet:	$a = 2.57, e = 0.19$	Star:	Source cat. EDR3
V. mag. = 12.06	Diam. = 125.0 km = 0.06"	$\alpha = 5^h01^m27.046^s$	$\delta = +18^\circ01'01.27''$
$\mu = 59.40''/h$	$\pi = 3.16''$ Ref. = EG2021	Vmag = 11.16	Bmag = 12.11
$\Delta m = 1.3$	Max. dur. = 3.8s	Sun : 60°	Moon : 14° , 35%



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2023 aug 9 22^h26.5^m U.T.



22h23m00s – 22h30m00s; int. 30s