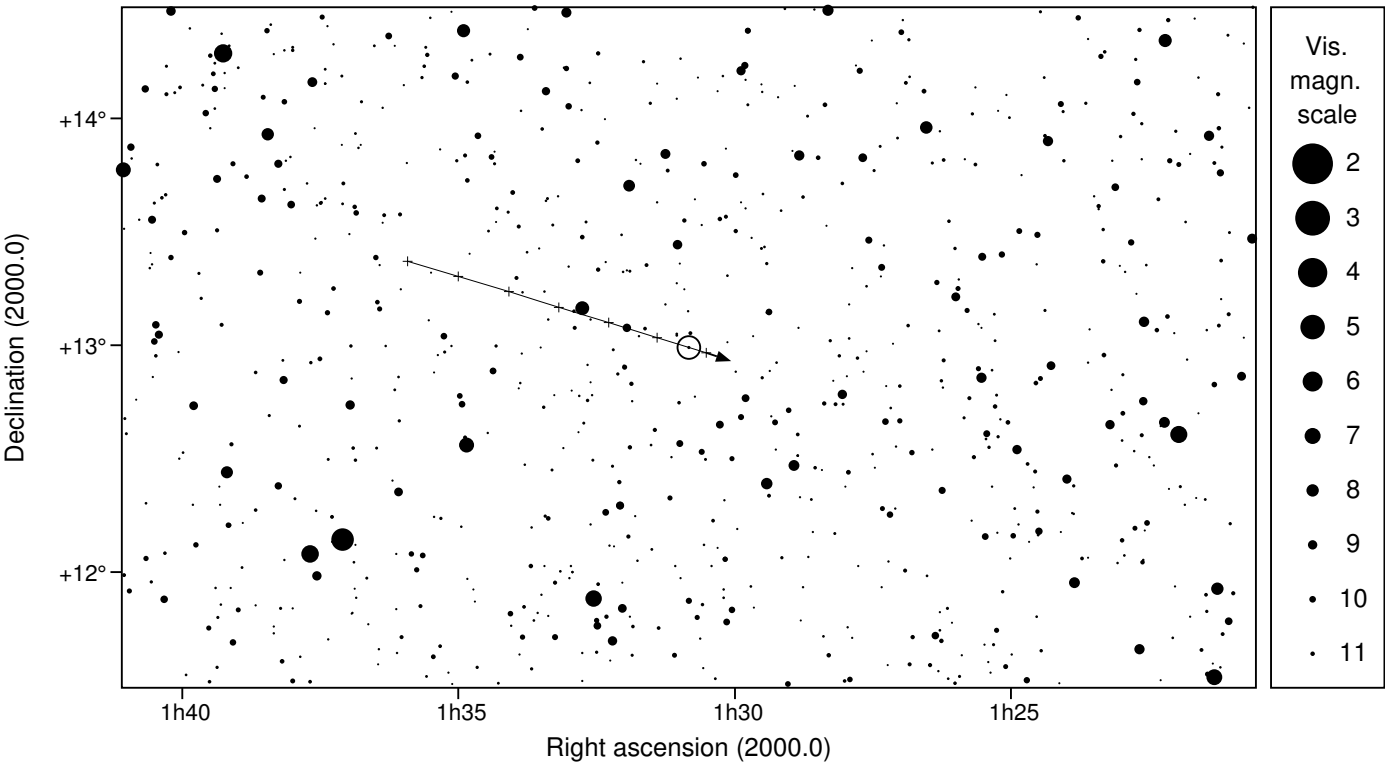
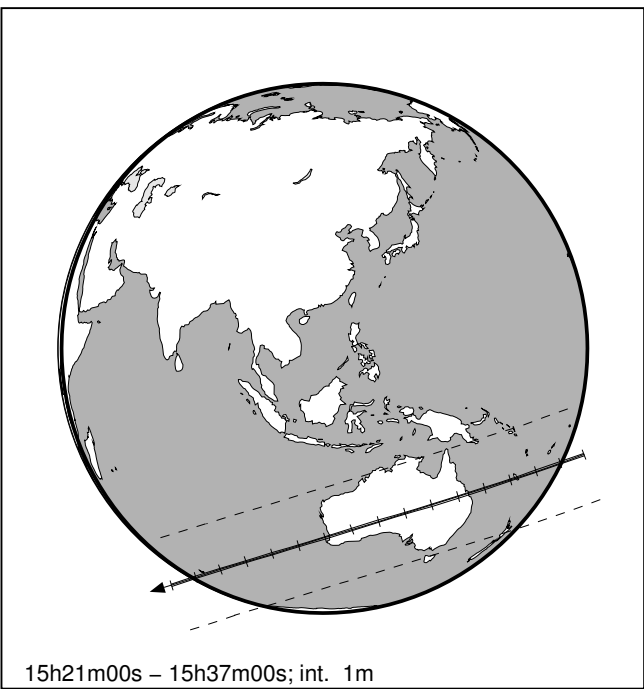
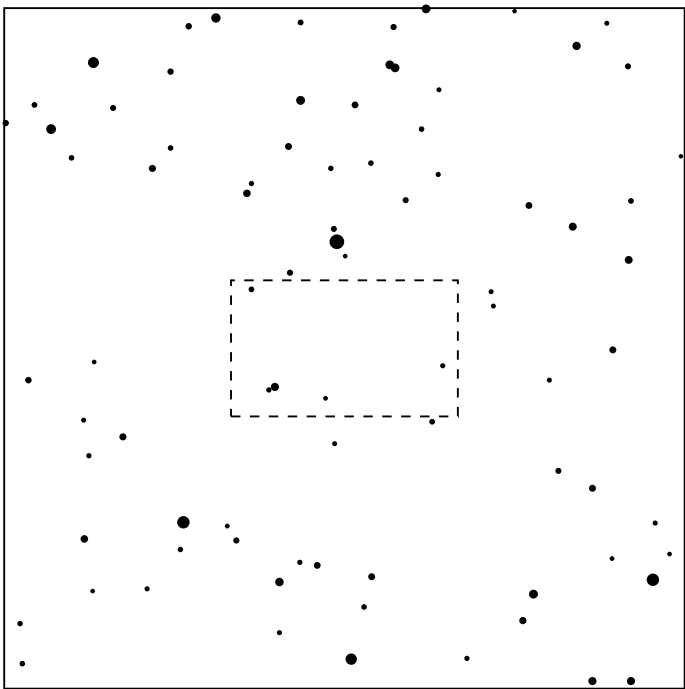


309 Fraternitas & UCAC4 515-002335

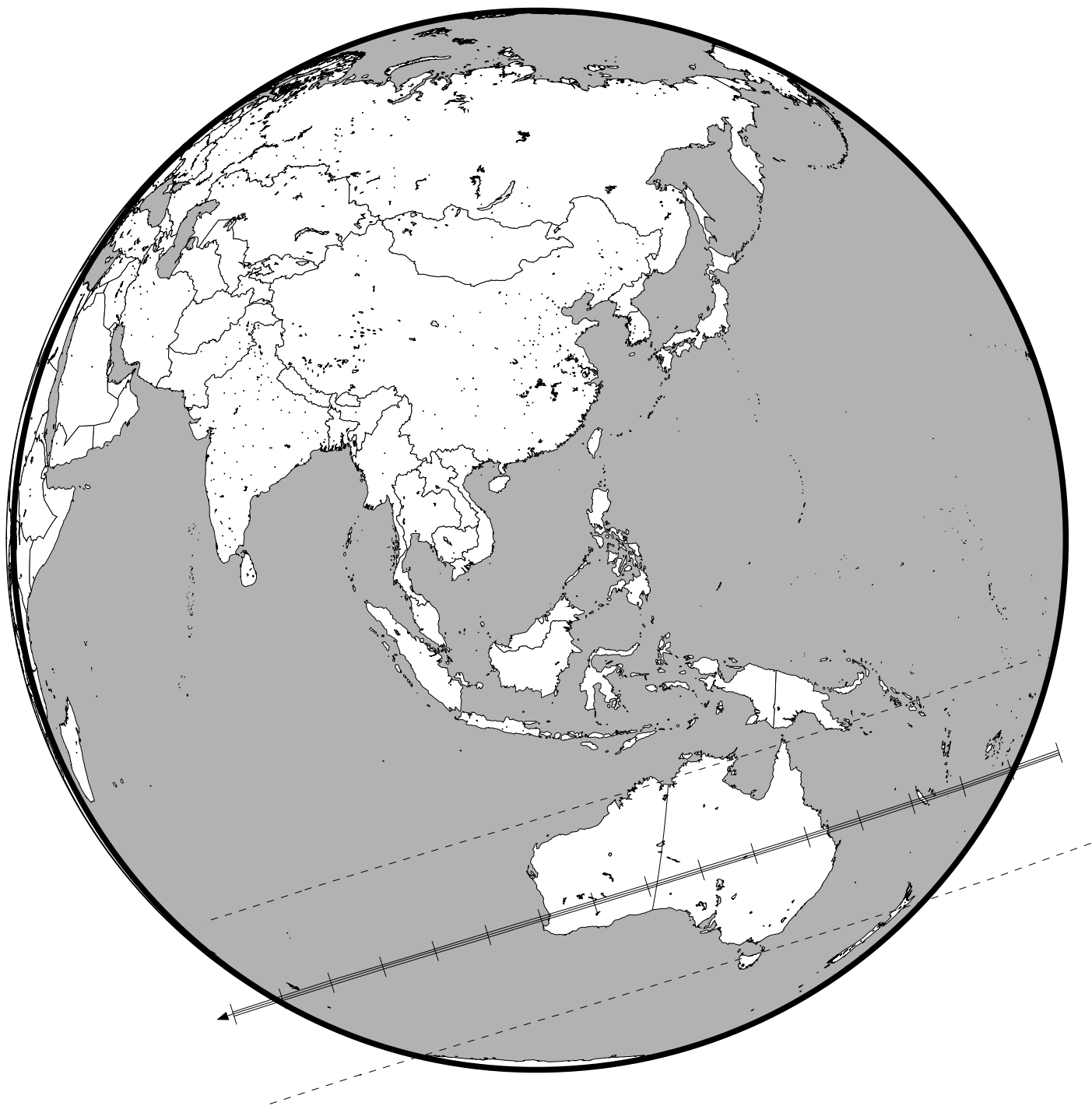
2023 oct 28 15^h29.0^m U.T.

Planet:	a = 2.66, e = 0.12	Star:	Source cat. EDR3
V. mag. = 13.83	Diam. = 54.7 km = 0.05"	$\alpha = 1^{\text{h}}30^{\text{m}}49.945^{\text{s}}$	$\delta = +12^{\circ}59'20.00''$
$\mu = 33.54''/\text{h}$	$\pi = 5.49''$ Ref. = EG2021	Vmag = 11.77	Bmag = 12.09
$\Delta m = 2.2$	Max. dur. = 5.1s	Sun : 170°	Moon : 7° ,100%



309 Fraternitas & UCAC4 515-002335

2023 oct 28 15^h29.0^m U.T.



15h21m00s – 15h37m00s; int. 1m