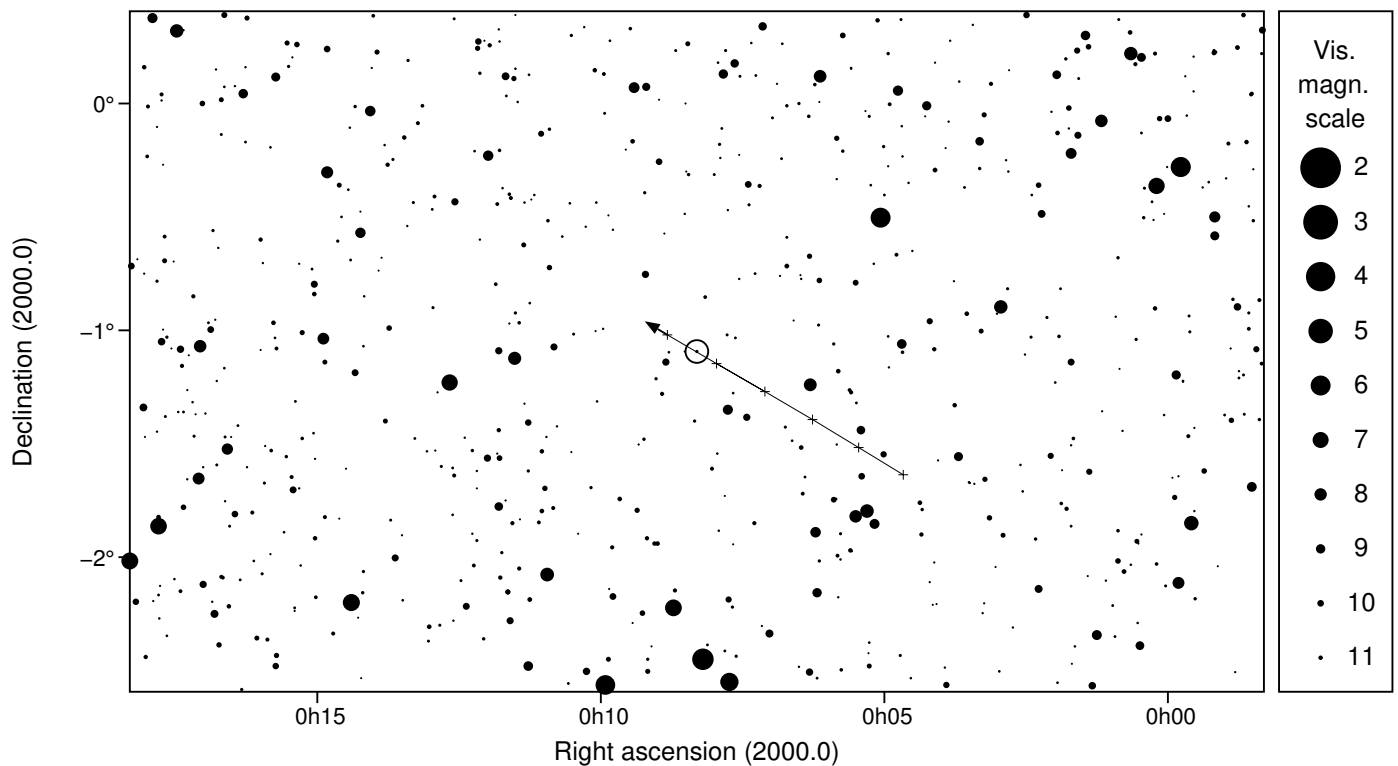
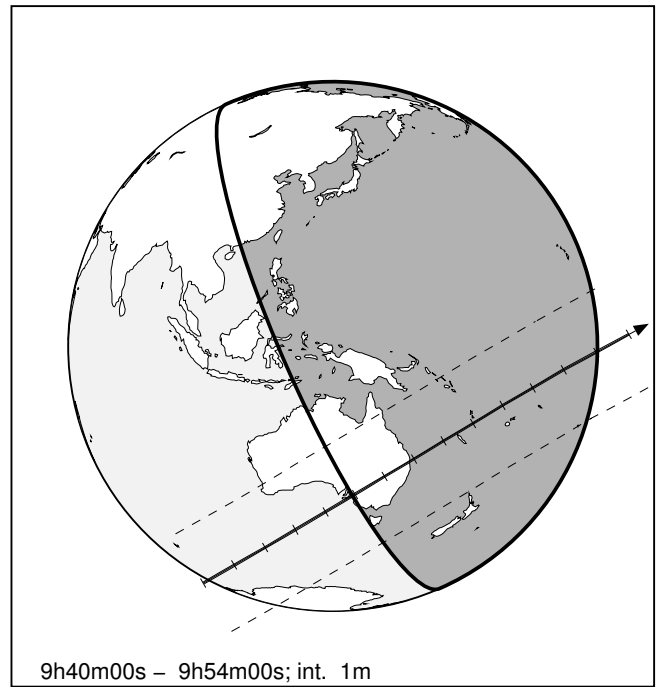
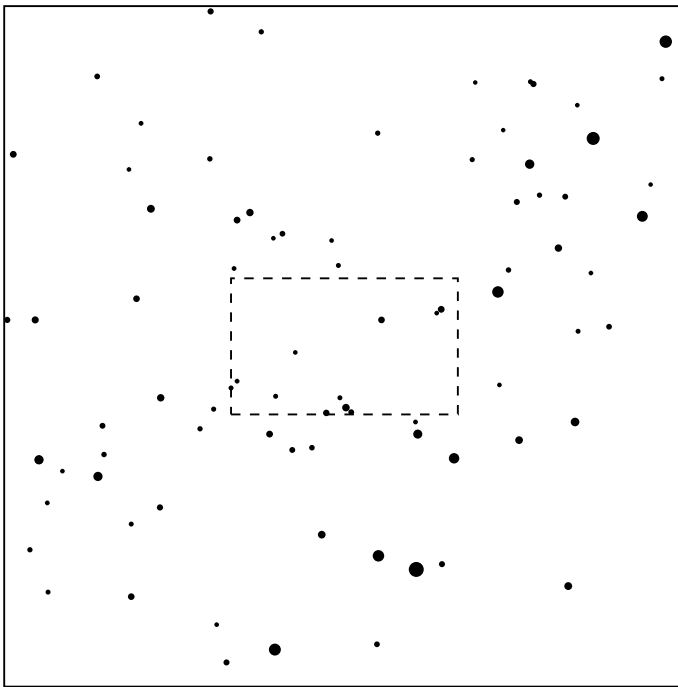


138 Tolosa & TYC 4663-00538-1

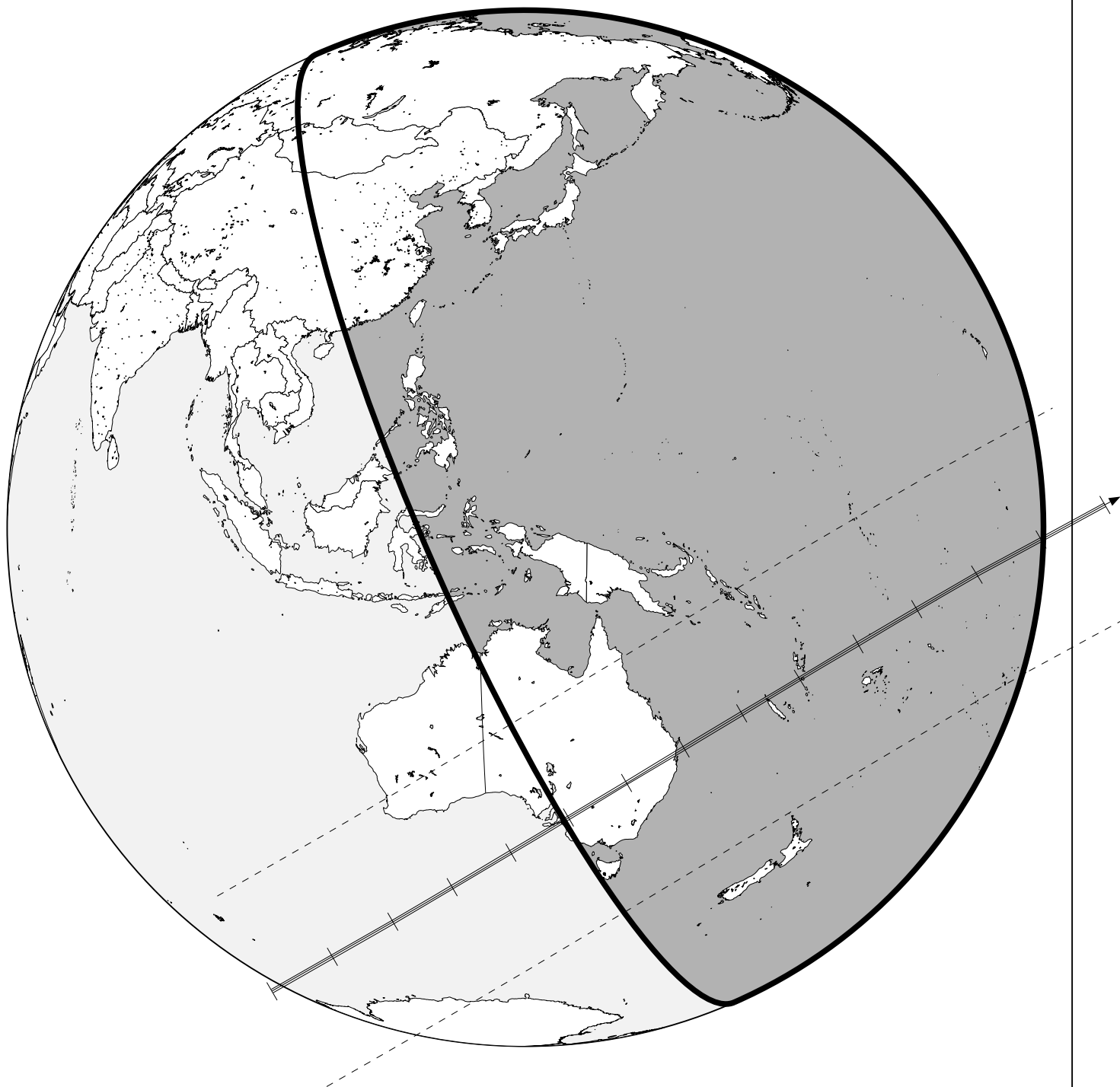
2024 dec 12 9^h46.6^m U.T.

Planet:	$a = 2.45, e = 0.16$	Star:	Source cat. EDR3
V. mag. = 13.04	Diam. = 47.5 km = 0.04"	$\alpha = 0^{\text{h}}08^{\text{m}}18.504^{\text{s}}$	$\delta = -1^{\circ}05'31.20''$
$\mu = 37.68''/\text{h}$	$\pi = 4.72''$ Ref. = EG2022	Vmag = 11.63	Bmag = 11.98
$\Delta m = 1.7$	Max. dur. = 3.4s	Sun : 100°	Moon : 39° , 88%



138 Tolosa & TYC 4663-00538-1

2024 dec 12 9^h46.6^m U.T.



9h40m00s – 9h54m00s; int. 1m