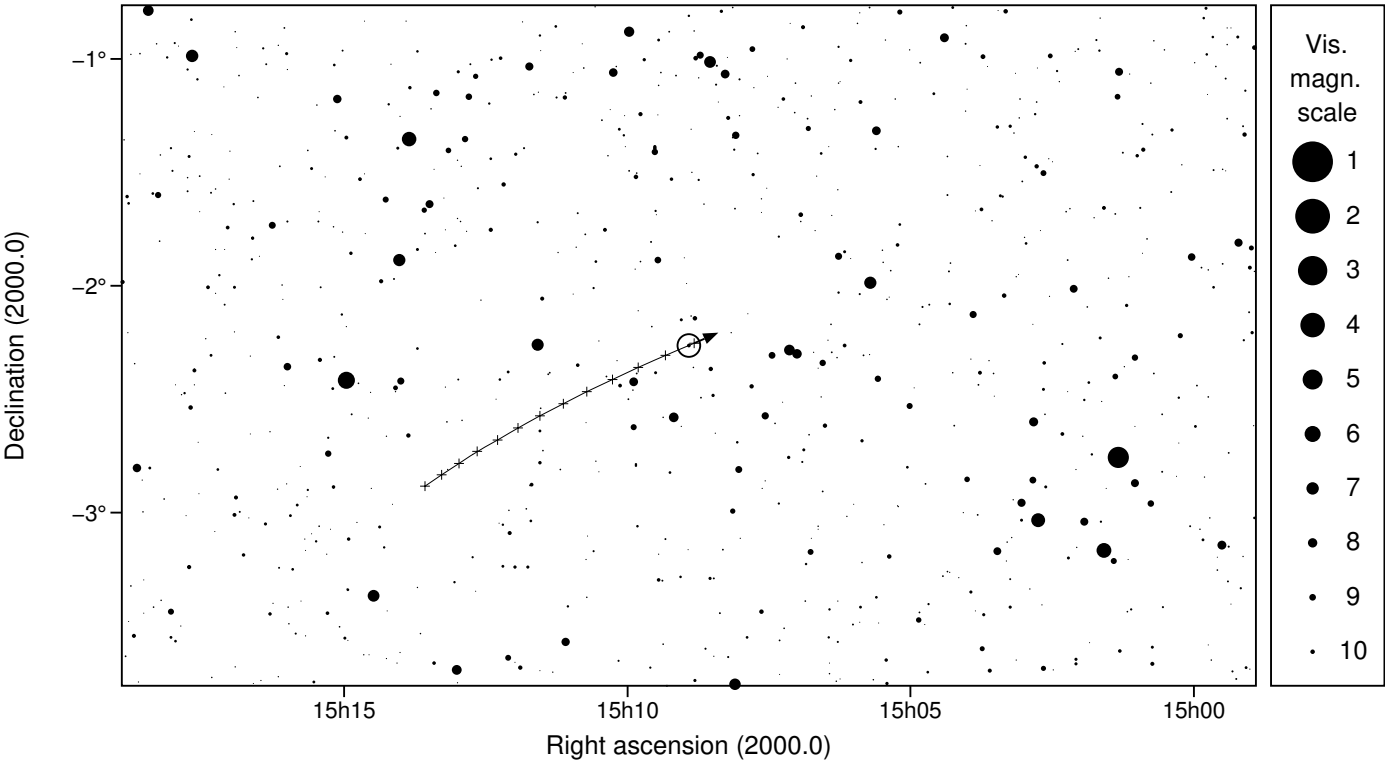
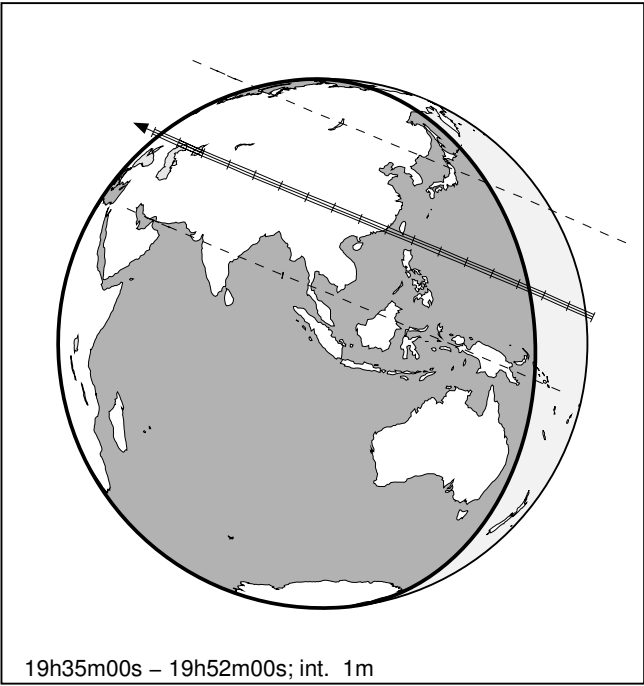
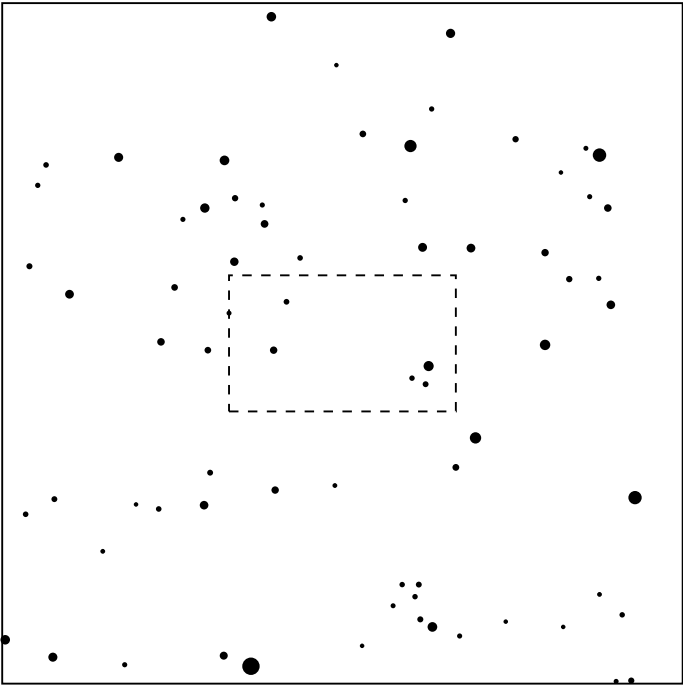


471 Papagena & TYC 5005-00095-1

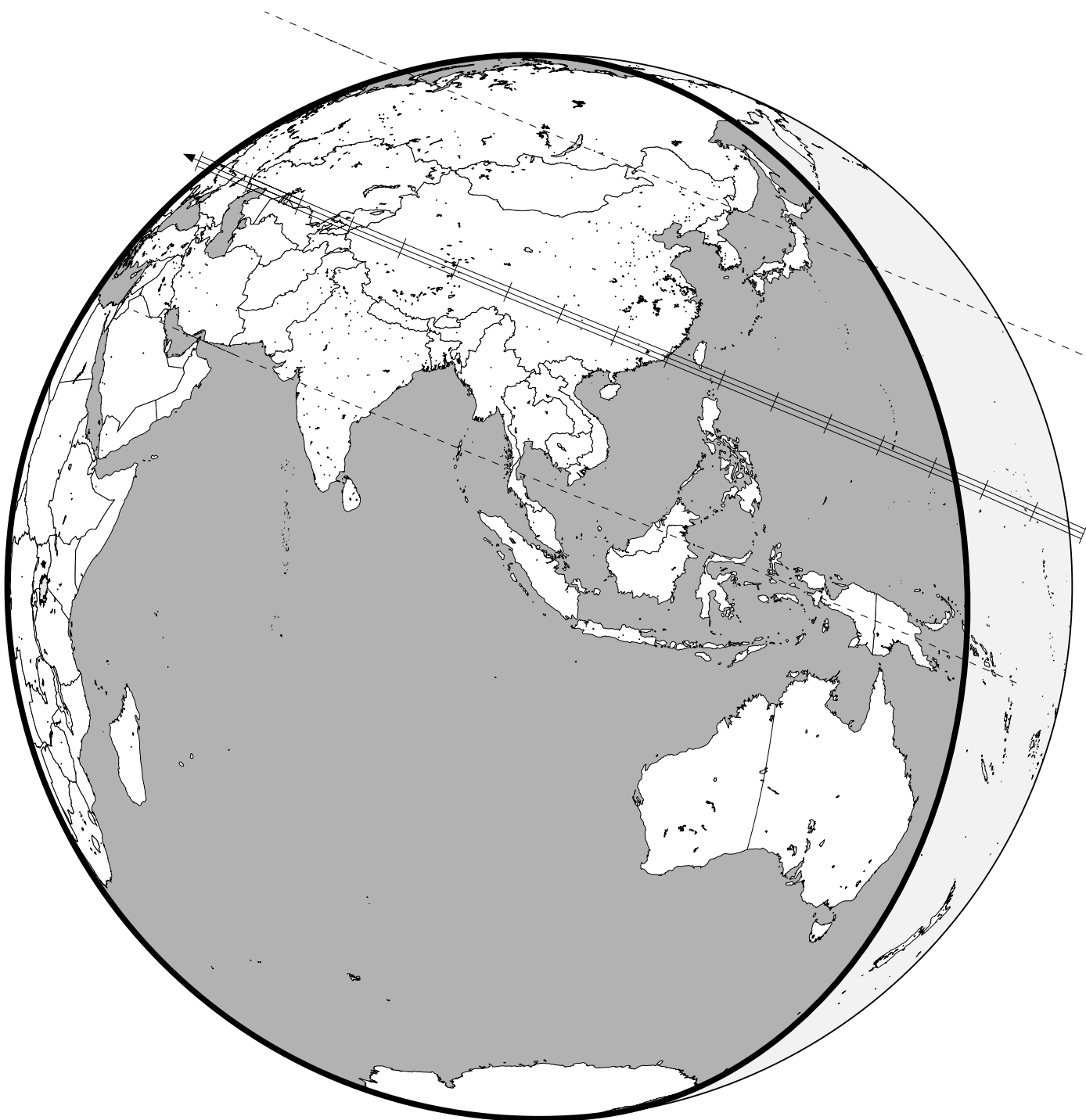
2023 apr 1 19^h43.5^m U.T.

Planet:	$a = 2.89, e = 0.23$	Star:	Source cat. EDR3
V. mag. = 12.10	Diam. = 127.0 km = 0.06"	$\alpha = 15^{\text{h}}08^{\text{m}}54.815^{\text{s}}$	$\delta = -2^{\circ}15'42.63''$
$\mu = 20.54''/\text{h}$	$\pi = 3.26''$ Ref. = EG2021	Vmag = 10.38	Bmag = 10.93
$\Delta m = 1.9$	Max. dur. = 11.4s	Sun : 143°	Moon : 82° , 82%



471 Papagena & TYC 5005-00095-1

2023 apr 1 19^h43.5^m U.T.



19h35m00s – 19h52m00s; int. 1m