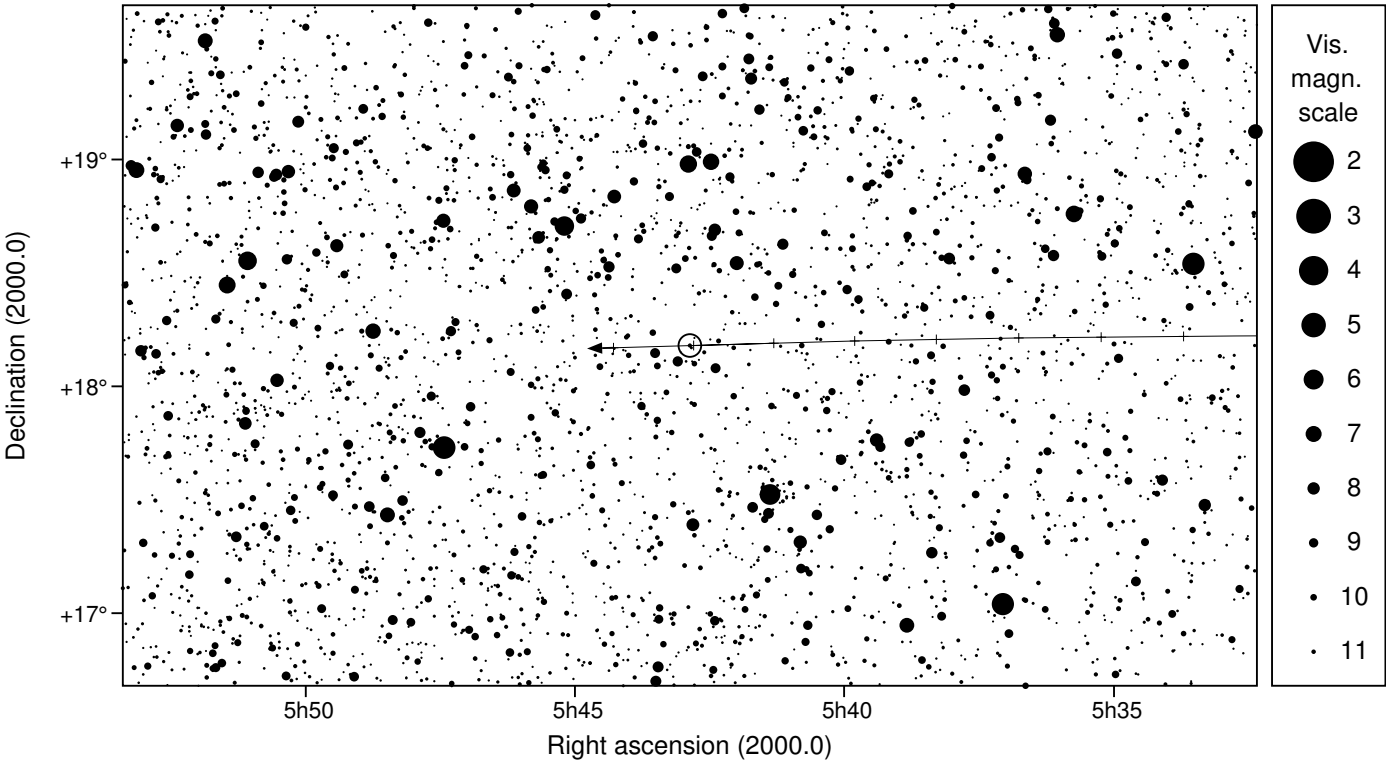
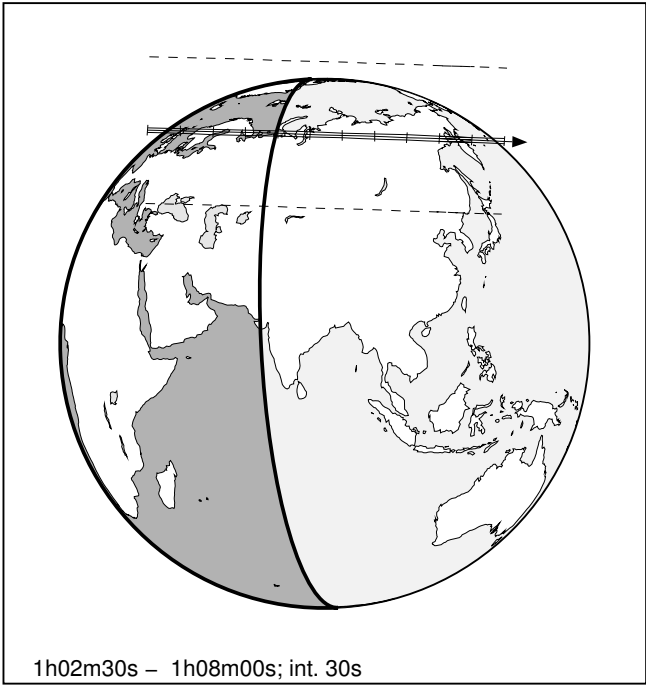
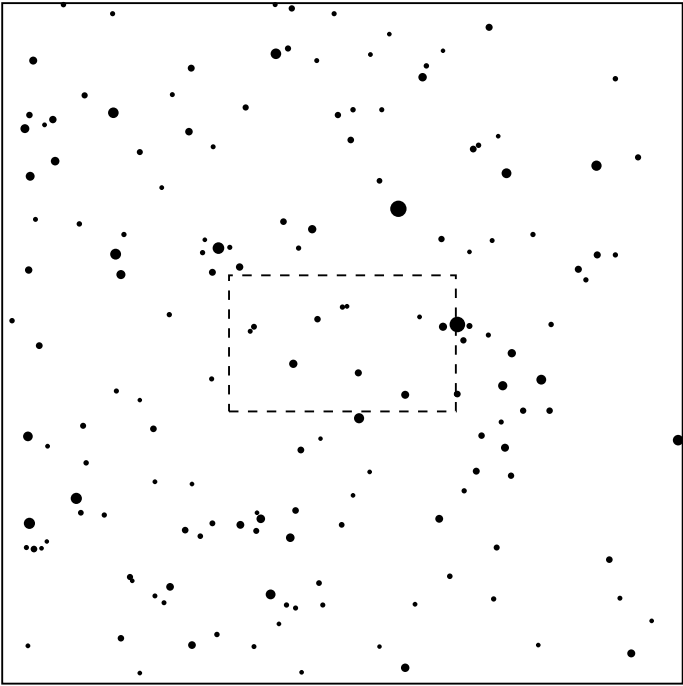


5 Astraea & UCAC4 541-018229

2023 sep 5 1^h 5.3^m U.T.

Planet:	$a = 2.57, e = 0.19$	Star:	Source cat. EDR3
V. mag. = 11.81	Diam. = 125.0 km = 0.07"	$\alpha = 5^{\text{h}}42^{\text{m}}52.161^{\text{s}}$	$\delta = +18^{\circ}10'43.90''$
$\mu = 53.10''/\text{h}$	$\pi = 3.61''$ Ref. = EG2021	Vmag = 11.13	Bmag = 12.25
$\Delta m = 1.1$	Max. dur. = 4.8s	Sun : 76°	Moon : 37° , 69%



5 Astraea & UCAC4 541-018229

2023 sep 5 1^h 5.3^m U.T.



1h02m30s – 1h08m00s; int. 30s