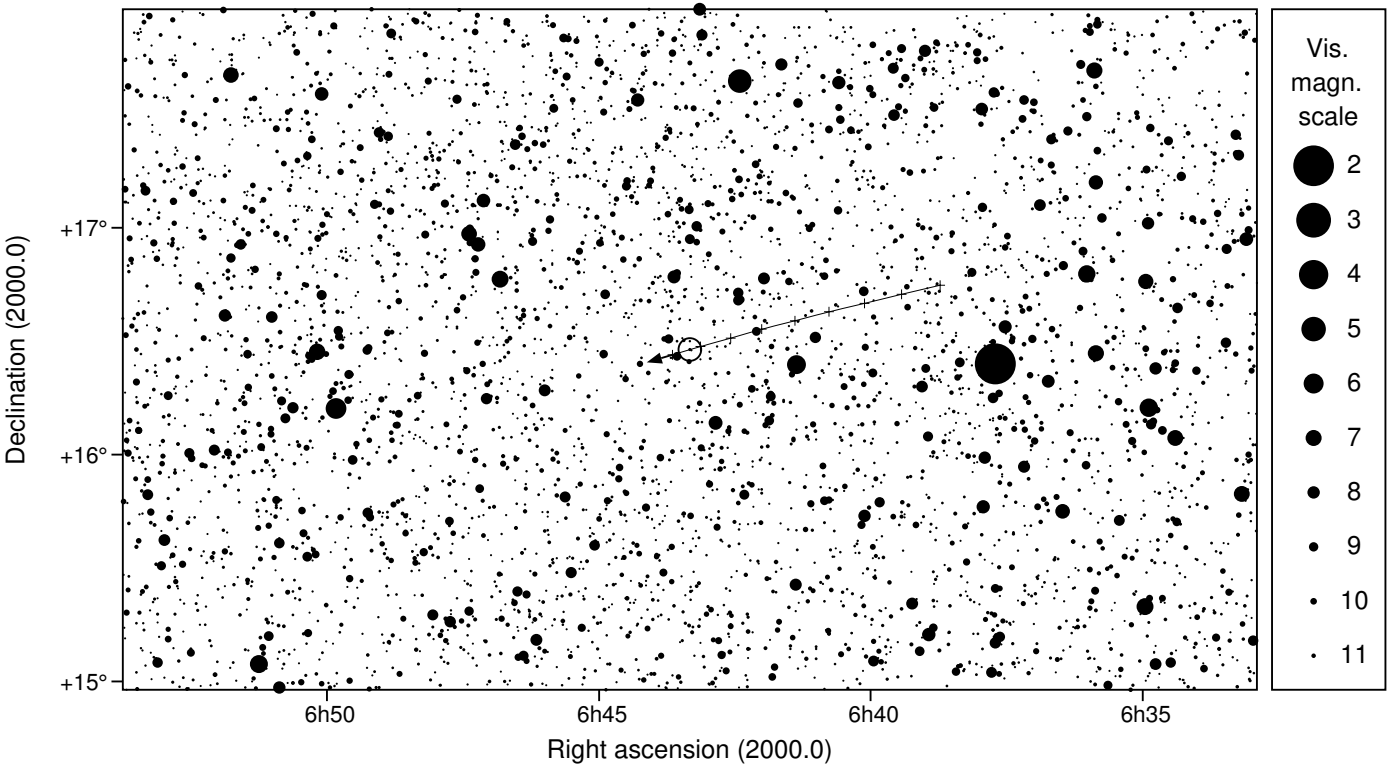
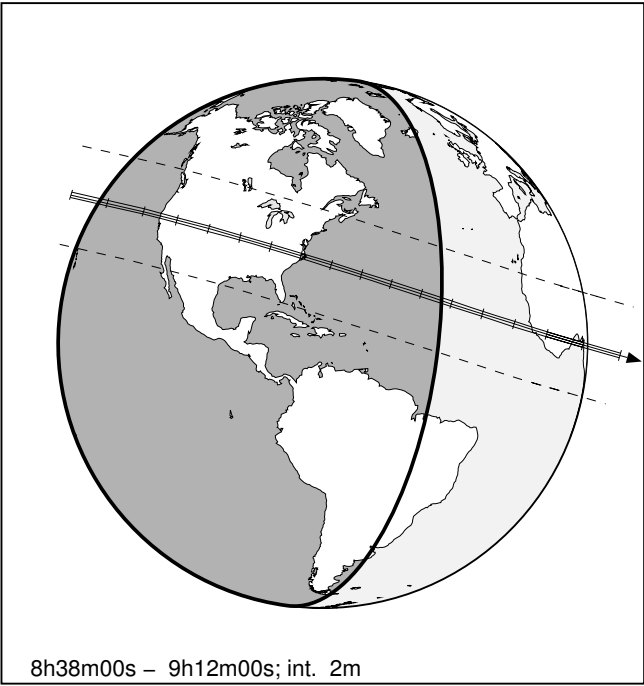
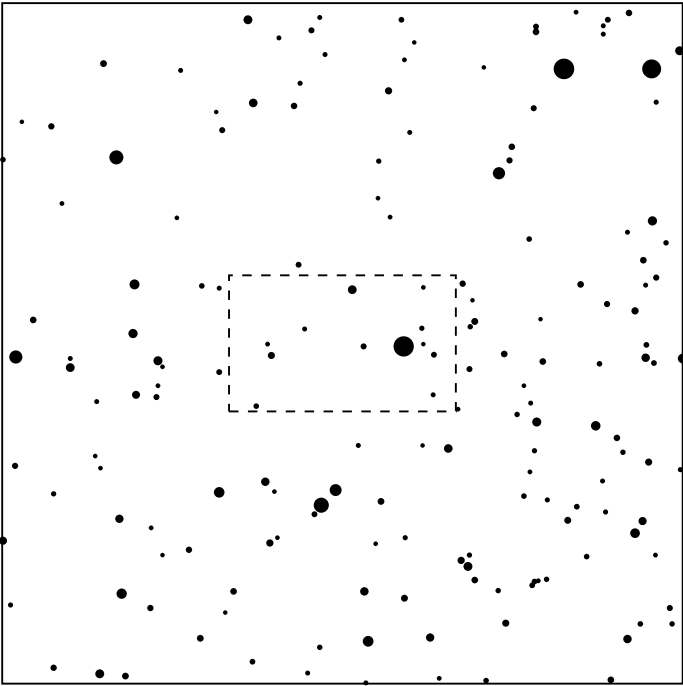


5 Astraea & UCAC4 533-032124

2023 oct 30 8^h54.9^m U.T.

Planet:	a = 2.57, e = 0.19	Star:	Source cat. EDR3
V. mag. = 10.87	Diam. = 125.0 km = 0.10"	$\alpha = 6^{\text{h}}43^{\text{m}}19.772^{\text{s}}$	$\delta = +16^{\circ}27'48.89''$
$\mu = 19.75''/\text{h}$	$\pi = 5.23''$ Ref. = EG2021	Vmag = 11.75	Bmag = 12.24
$\Delta m = 0.4$	Max. dur. = 18.7s	Sun : 115°	Moon : 45° , 97%



5 Astraea & UCAC4 533-032124

2023 oct 30 8^h54.9^m U.T.



8h38m00s – 9h12m00s; int. 2m