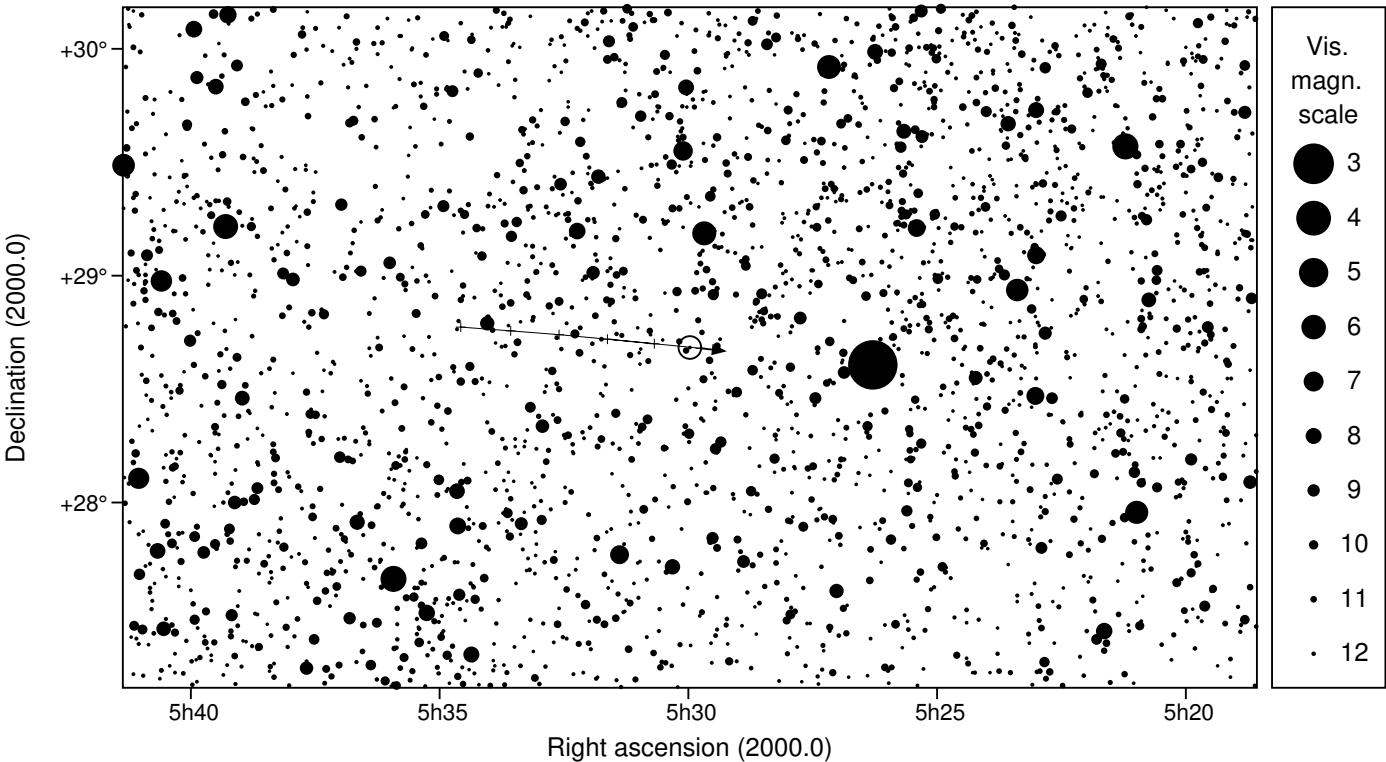
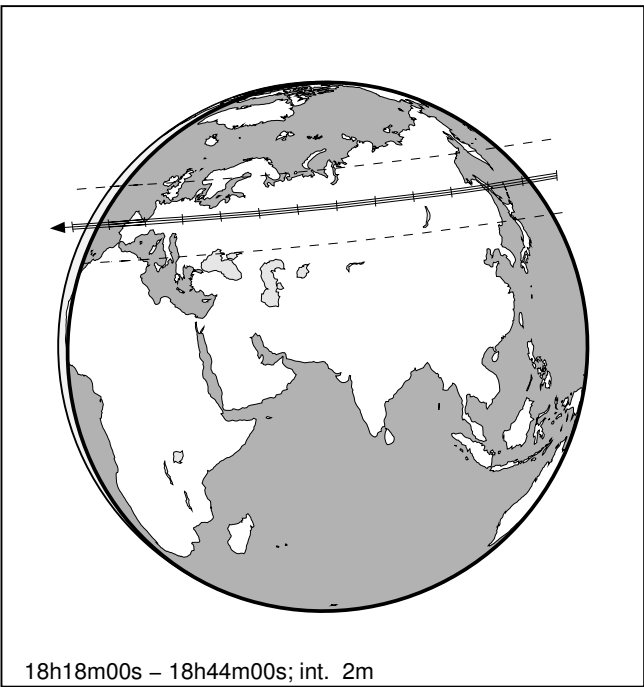
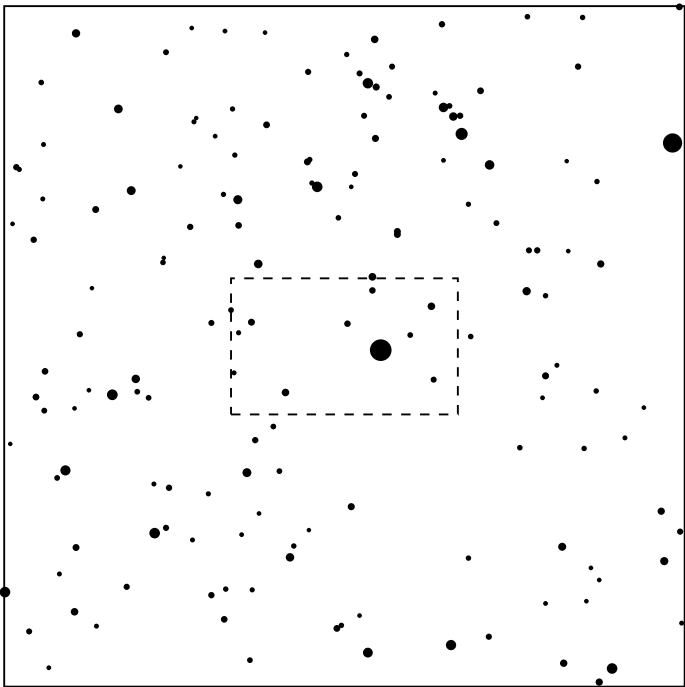


37 Fides & PPMX 4976735

2023 dec 30 18^h31.5^m U.T.

Planet:	a = 2.64, e = 0.18	Star:	Source cat. PPMX
V. mag. = 9.93	Diam. = 112.0 km = 0.12"	$\alpha = 5^{\text{h}}29^{\text{m}}58.138^{\text{s}}$	$\delta = +28^{\circ}41'00.02''$
$\mu = 30.42''/\text{h}$	$\pi = 7.10''$ Ref. = EG2021	Vmag = 12.38	mag =
$\Delta m = 0.1$	Max. dur. = 14.8s	Sun : 164°	Moon : 57° , 87%



37 Fides & PPMX 4976735

2023 dec 30 18^h31.5^m U.T.



18h18m00s - 18h44m00s; int. 2m