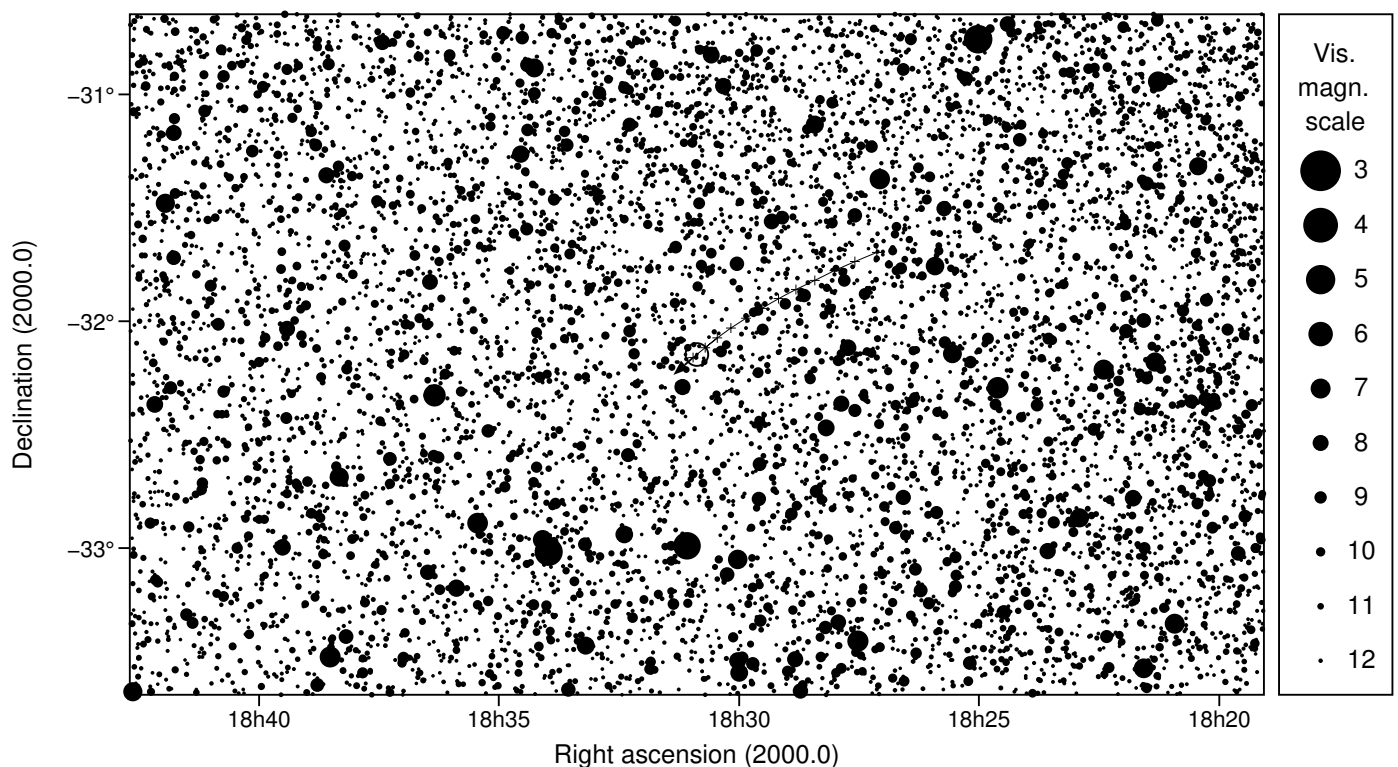
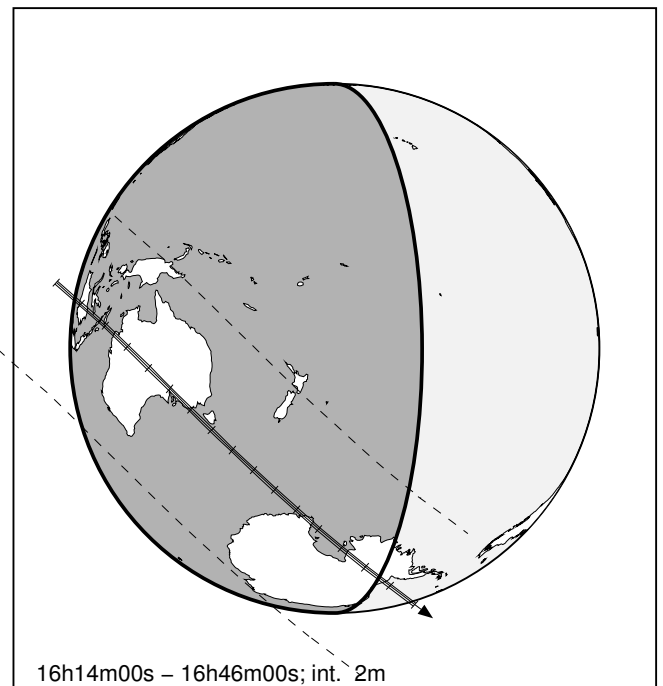
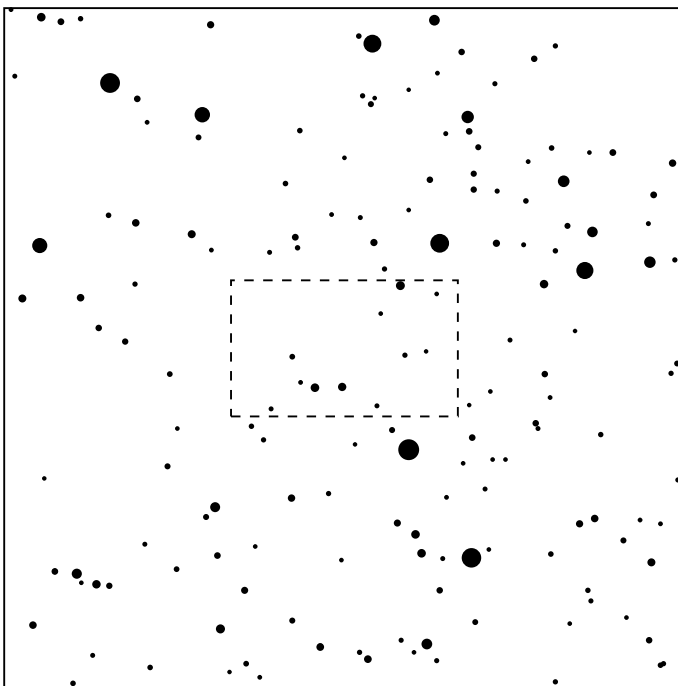


109 Felicitas & UCAC5 290-173717

2023 apr 16 16^h30.6^m U.T.

Planet:	$a = 2.69$, $e = 0.30$	Star:	Source cat. UCAC5
V. mag. = 14.77	Diam. = 91.0 km = 0.04"	$\alpha = 18^{\text{h}}30^{\text{m}}52.785^{\text{s}}$	$\delta = -32^{\circ}08'45.85''$
$\mu = 10.02''/\text{h}$	$\pi = 2.98''$ Ref. = EG2021	Vmag = 12.47	Bmag = 14.22
$\Delta m = 2.4$	Max. dur. = 15.3s	Sun : 109°	Moon : 63° , 15%



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2023 apr 16 16^h30.6^m U.T.

