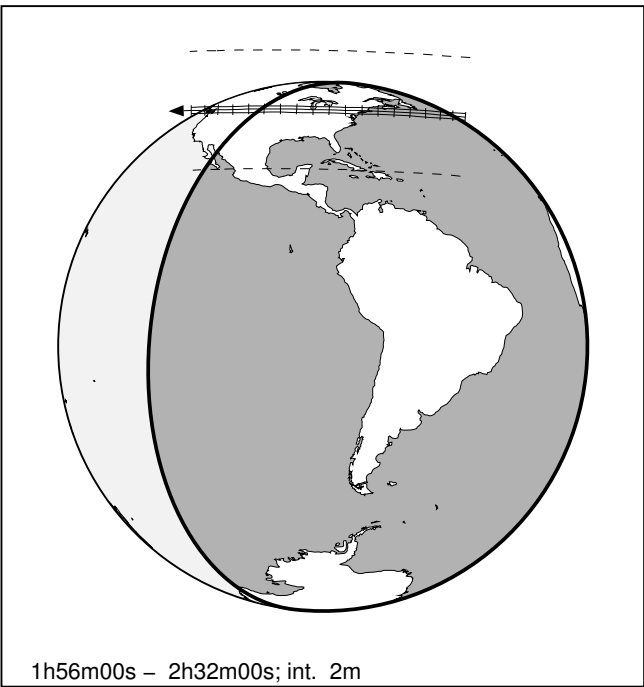
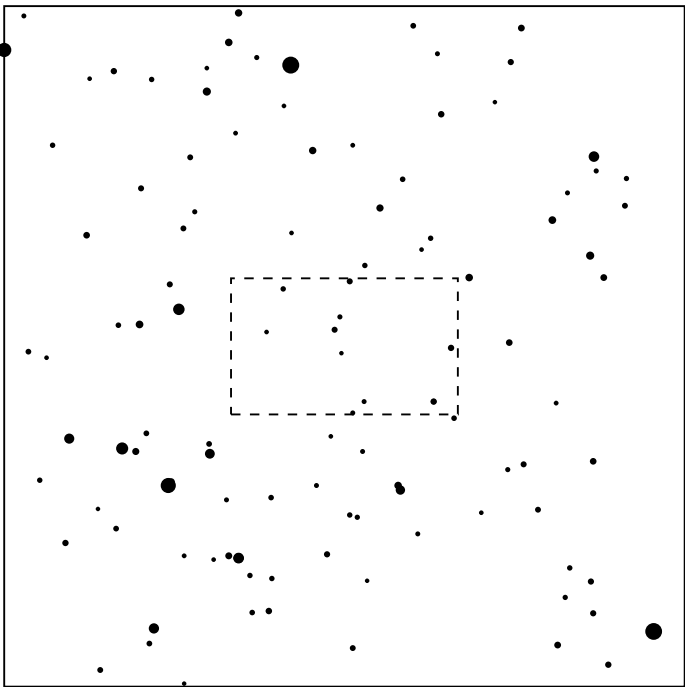


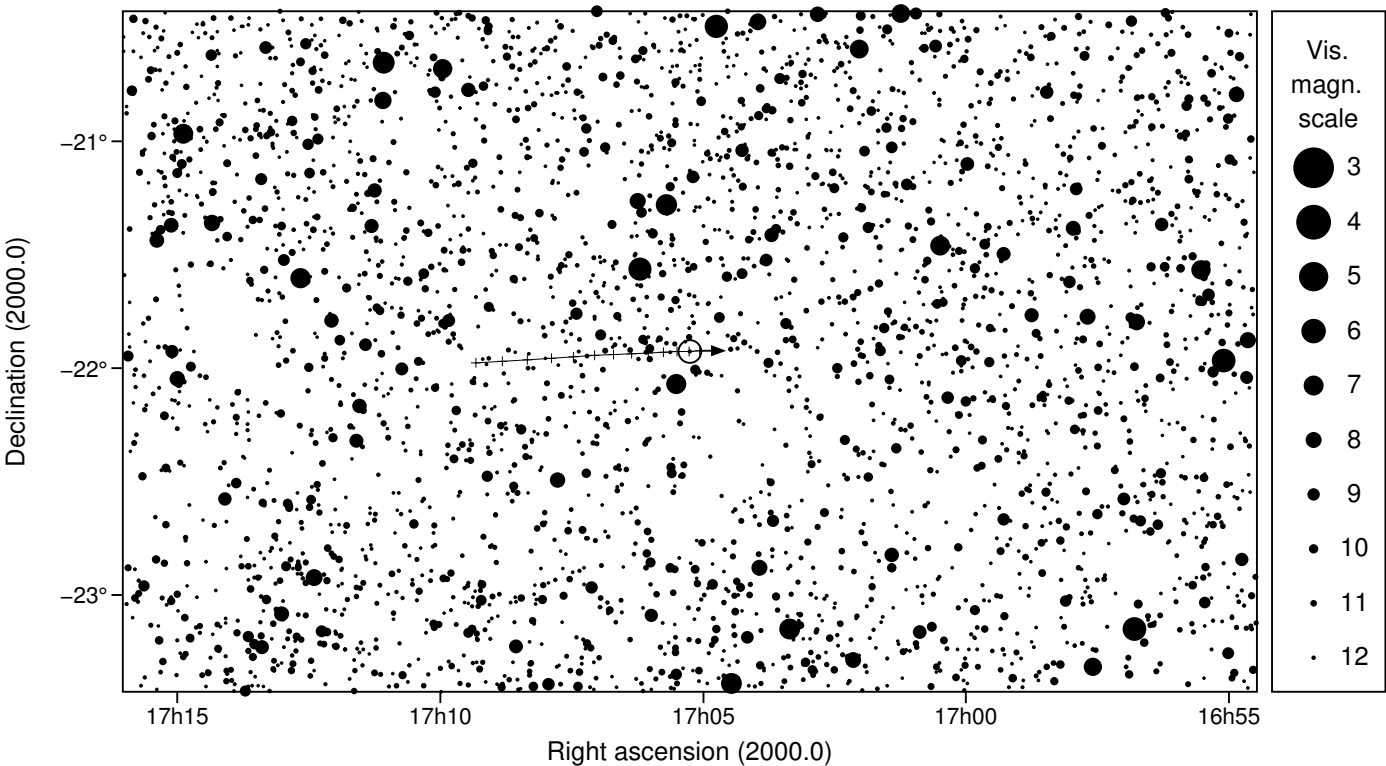
20 Massalia & UCAC4 341-088248

2023 jul 30 2^h14.1^m U.T.

Planet:	$a = 2.41, e = 0.14$	Star:	Source cat. EDR3
V. mag. = 10.94	Diam. = 151.0 km = 0.11"	$\alpha = 17^{\text{h}}05^{\text{m}}15.181^{\text{s}}$	$\delta = -21^{\circ}55'41.35''$
$\mu = 7.40''/\text{h}$	$\pi = 4.46''$ Ref. = EG2021	Vmag = 12.17	Bmag = 13.41
$\Delta m = 0.3$	Max. dur. = 51.3s	Sun : 130°	Moon : 13° , 89%



1h56m00s – 2h32m00s; int. 2m



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2023 jul 30 2^h14.1^m U.T.



1h56m00s – 2h32m00s; int. 2m