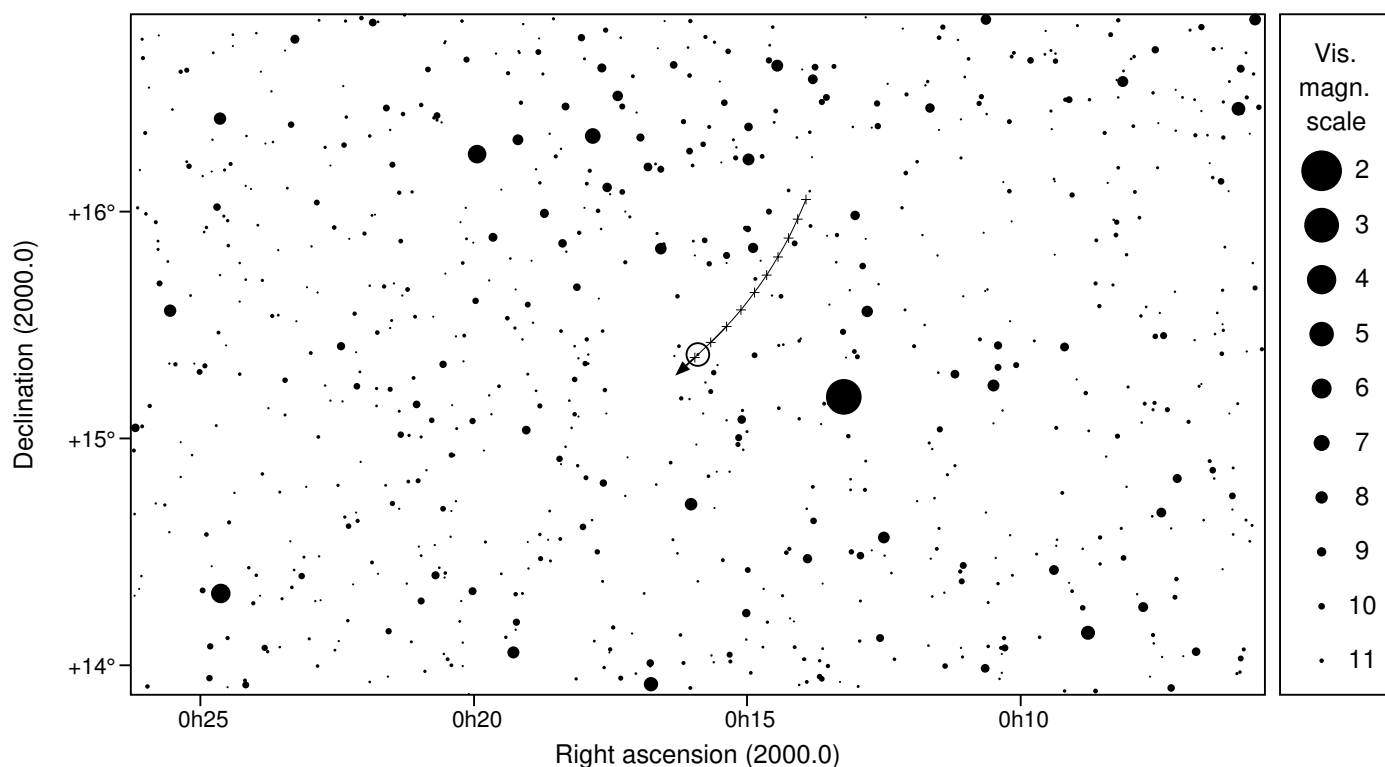
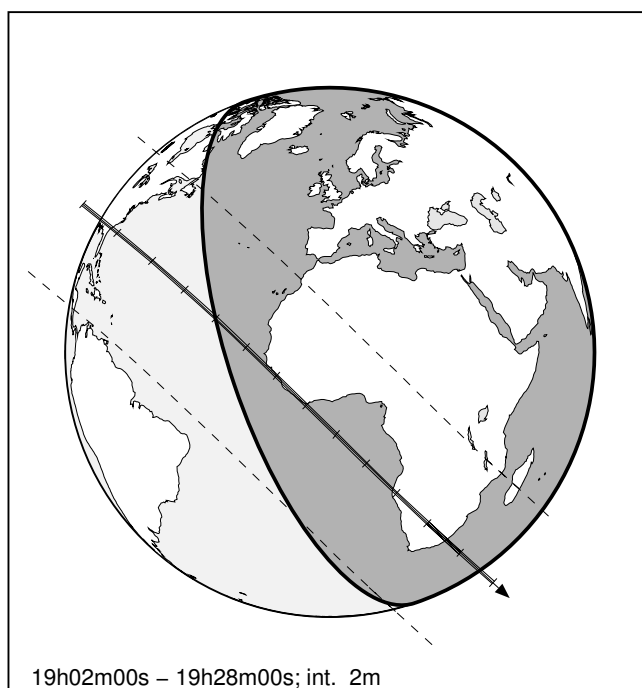
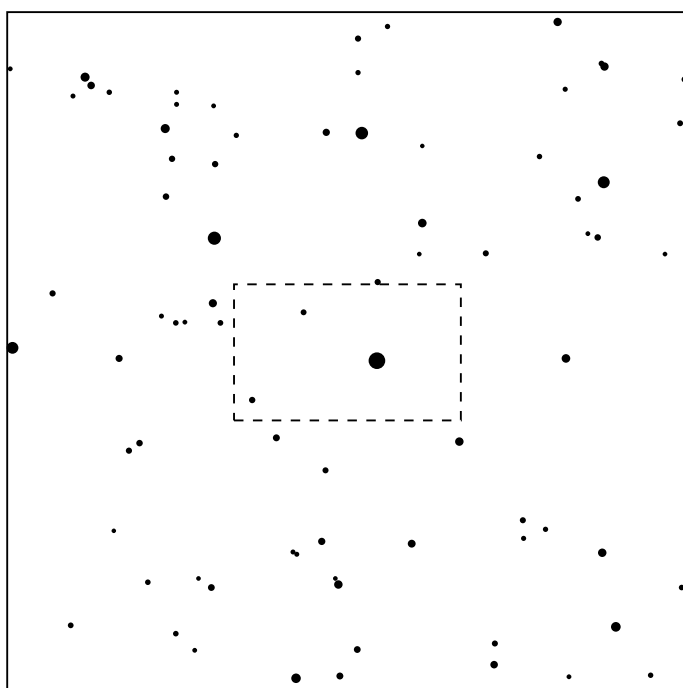


983 Gunila & TYC 1179-01435-1

2024 dec 8 19^h15.1^m U.T.

Planet:	$a = 3.15, e = 0.10$	Star:	Source cat. EDR3
V. mag. = 15.38	Diam. = 77.3 km = 0.04"	$\alpha = 0^h15^m54.302^s$	$\delta = +15^\circ22'08.04''$
$\mu = 15.00''/h$	$\pi = 3.05''$ Ref. = EG2022	Vmag = 11.97	Bmag = 12.34
$\Delta m = 3.5$	Max. dur. = 8.9s	Sun : 112°	Moon : 25° , 52%



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2024 dec 8 19^h15.1^m U.T.

