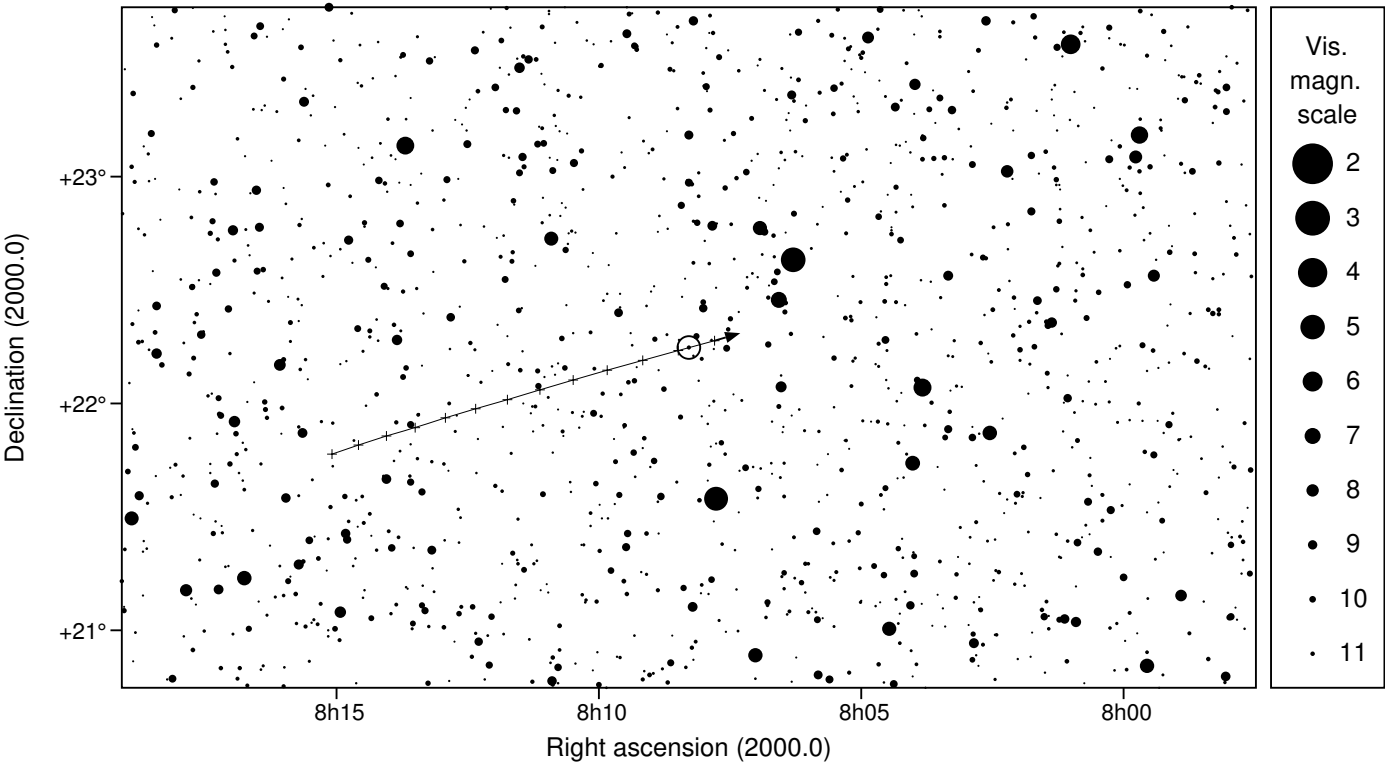
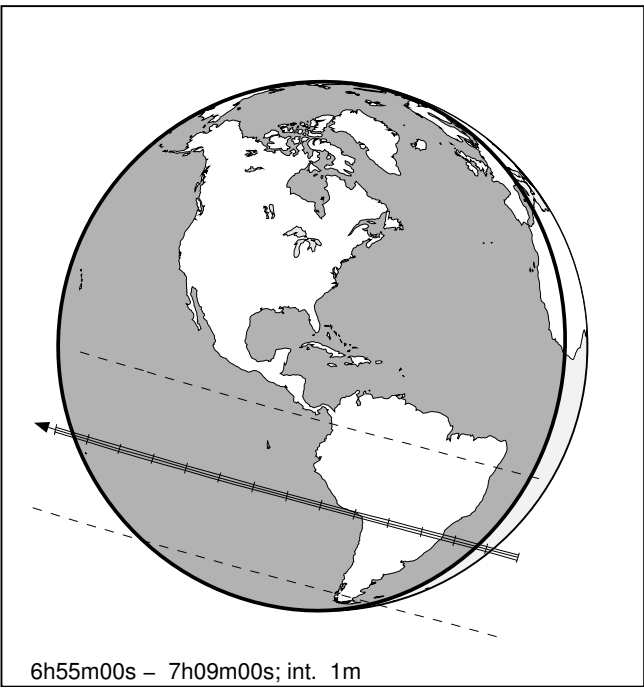
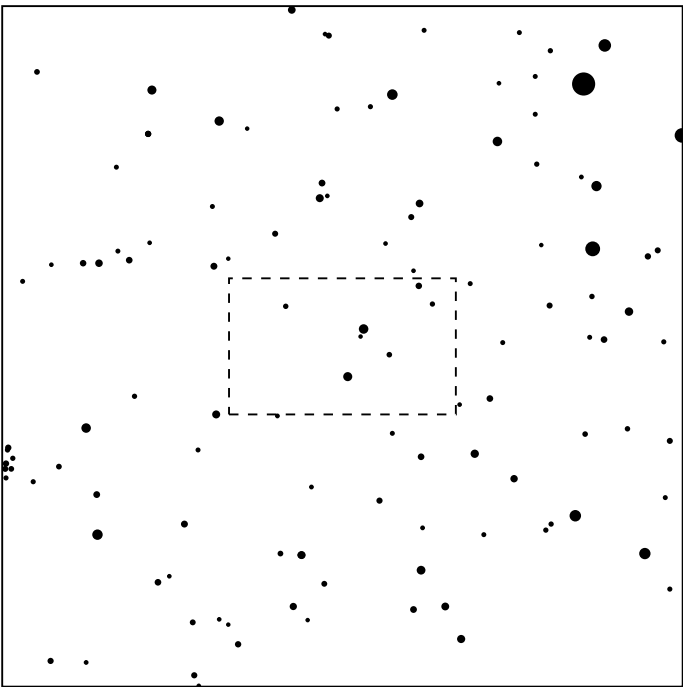


90 Antiope & TYC 1389-00117-1

2024 dec 27 7^h 2.2^m U.T.

Planet:	a = 3.16, e = 0.16	Star:	Source cat. EDR3
V. mag. = 13.72	Diam. = 125.0 km = 0.06"	$\alpha = 8^h08^m17.390^s$	$\delta = +22^\circ14'50.89''$
$\mu = 24.98''/h$	$\pi = 3.24''$ Ref. = EG2022	Vmag = 11.16	Bmag = 11.40
$\Delta m = 2.7$	Max. dur. = 9.2s	Sun : 156°	Moon : 114° , 13%



90 Antiope & TYC 1389-00117-1

2024 dec 27 7^h 2.2^m U.T.



6h55m00s – 7h09m00s; int. 1m