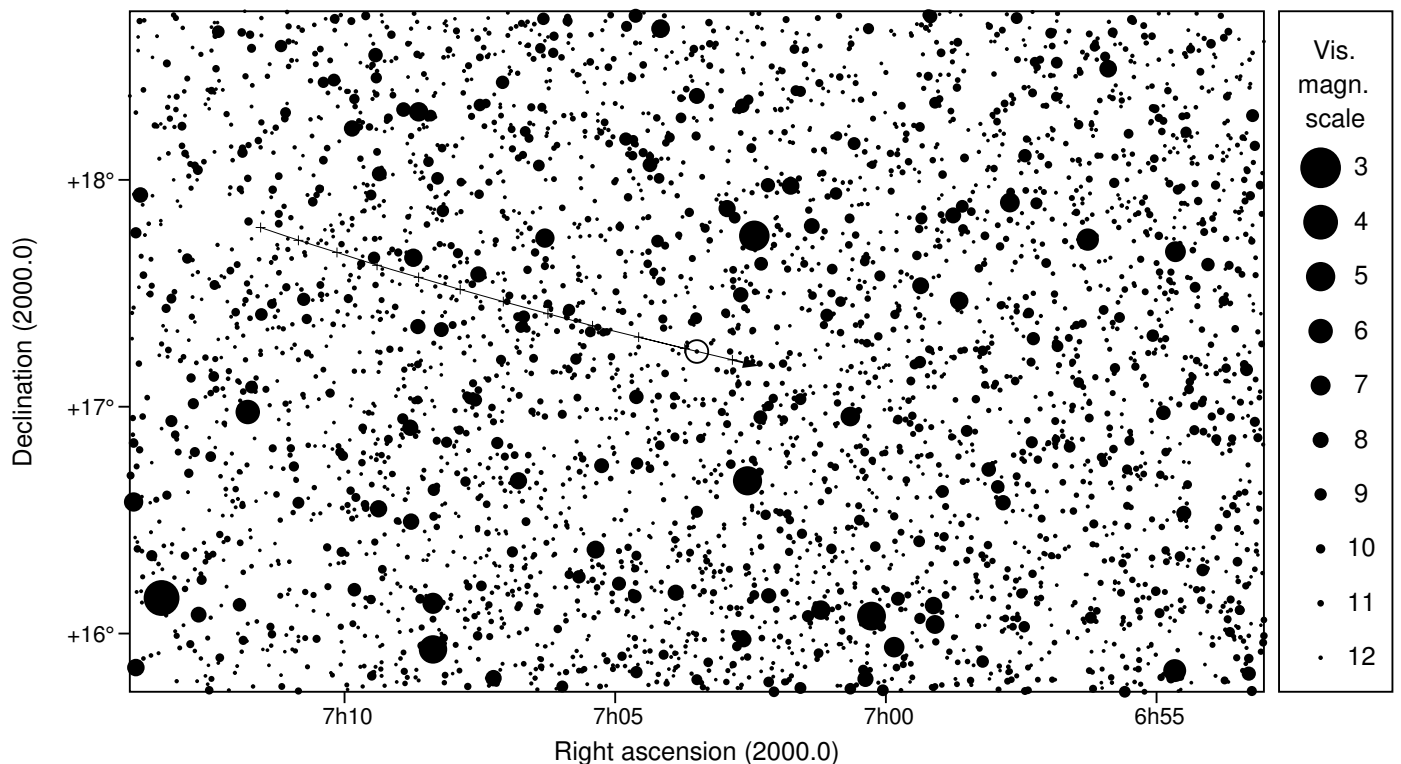
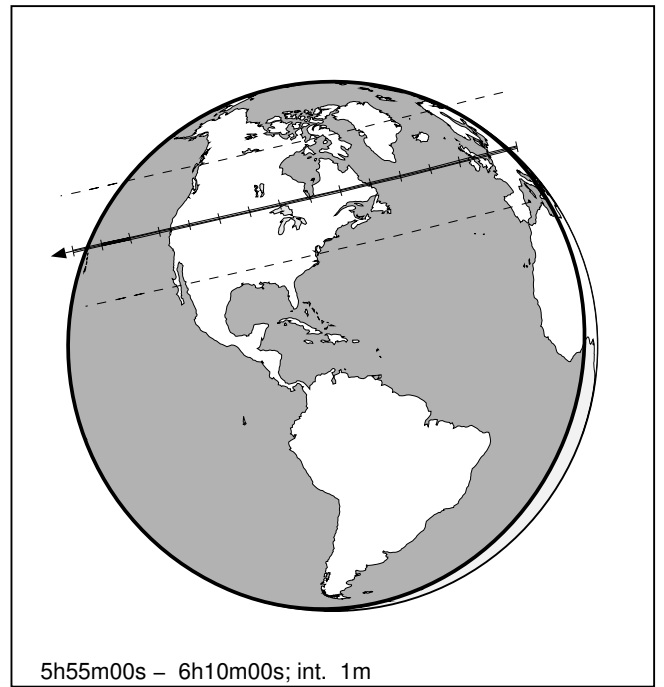
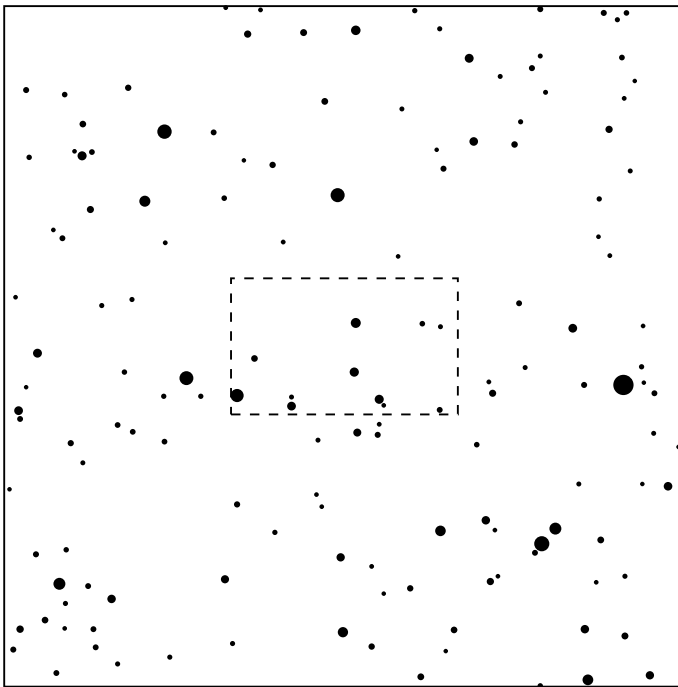


1149 Volga & UCAC4 537-037561

2024 dec 18 6^h 2.4^m U.T.

Planet:	$a = 2.90, e = 0.10$	Star:	Source cat. EDR3
V. mag. = 14.71	Diam. = 57.3 km = 0.04"	$\alpha = 7^{\text{h}}03^{\text{m}}29.356^{\text{s}}$	$\delta = +17^{\circ}14'39.31''$
$\mu = 32.14''/\text{h}$	$\pi = 4.67''$ Ref. = EG2022	Vmag = 12.02	Bmag = 12.70
$\Delta m = 2.8$	Max. dur. = 4.7s	Sun : 160°	Moon : 20° , 90%



1149 Volga & UCAC4 537-037561

2024 dec 18 6^h 2.4^m U.T.



5h55m00s – 6h10m00s; int. 1m