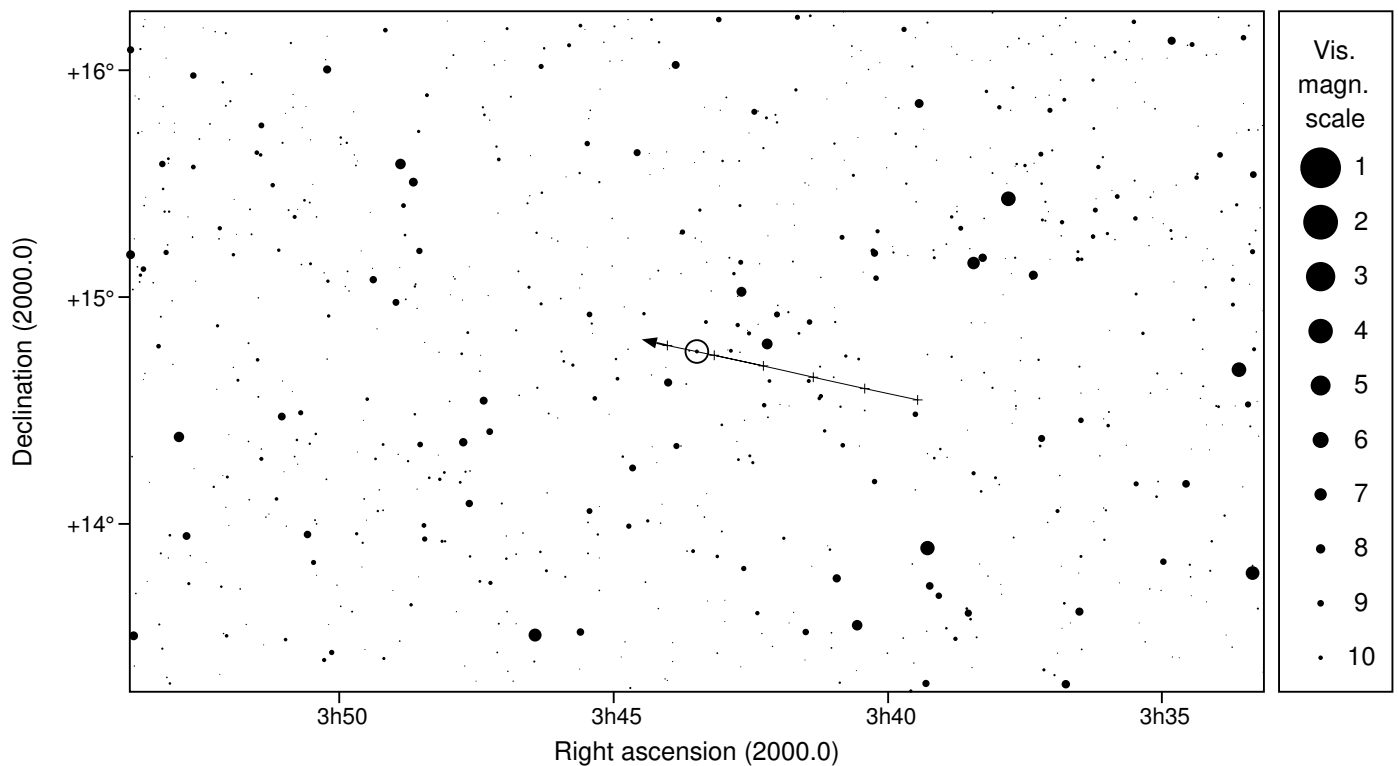
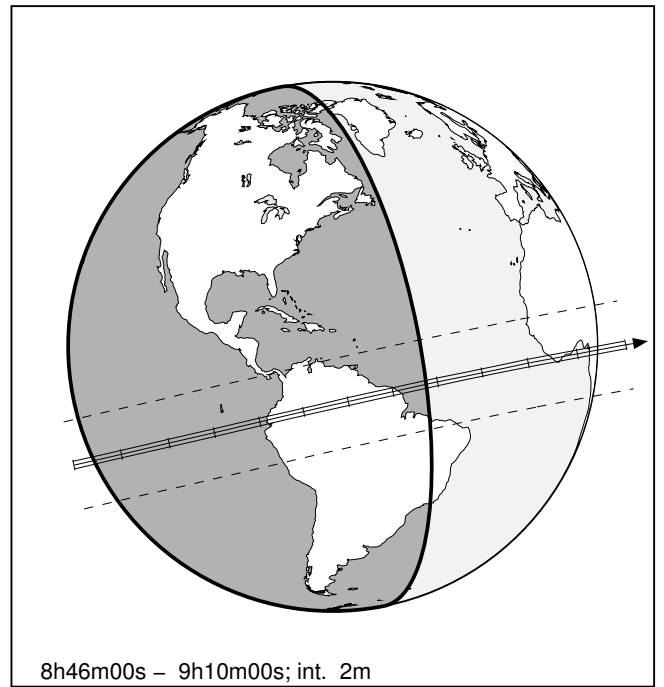
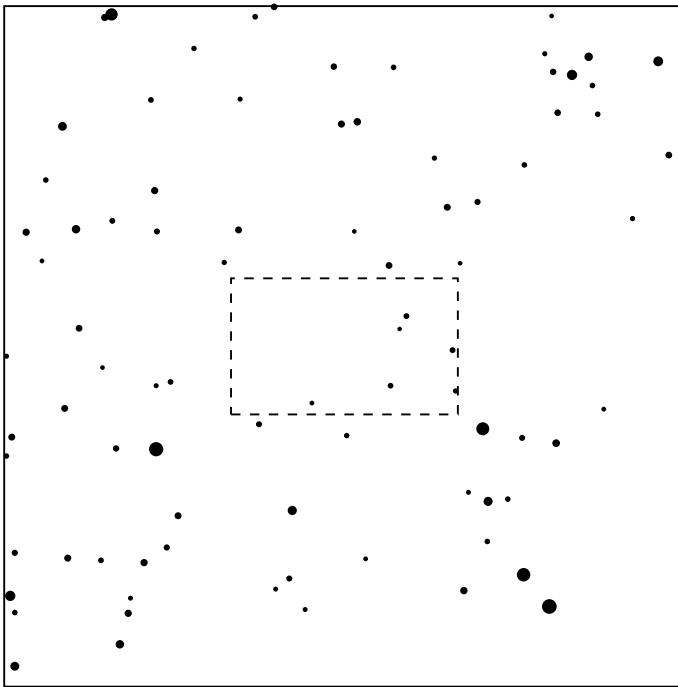


144 Vibia & TYC 0663-00631-1

2023 sep 9 8^h57.8^m U.T.

Planet:	$a = 2.65, e = 0.23$	Star:	Source cat. EDR3
V. mag. = 11.53	Diam. = 178.0 km = 0.17"	$\alpha = 3^{\text{h}}43^{\text{m}}29.010^{\text{s}}$	$\delta = +14^{\circ}45'30.78''$
$\mu = 31.99''/\text{h}$	$\pi = 5.92''$ Ref. = EG2021	Vmag = 10.33	Bmag = 10.73
$\Delta m = 1.5$	Max. dur. = 18.6s	Sun : 109°	Moon : 48° , 27%



144 Vibilia & TYC 0663-00631-1

2023 sep 9 8^h57.8^m U.T.



8h46m00s – 9h10m00s; int. 2m