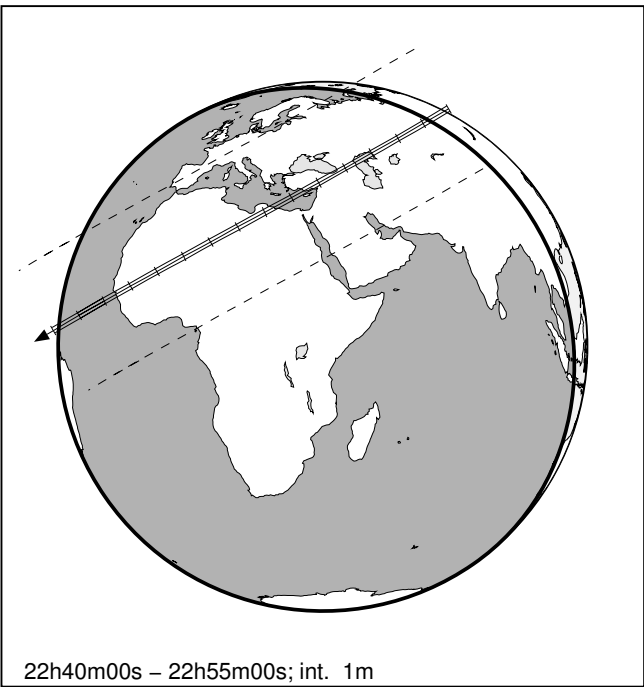
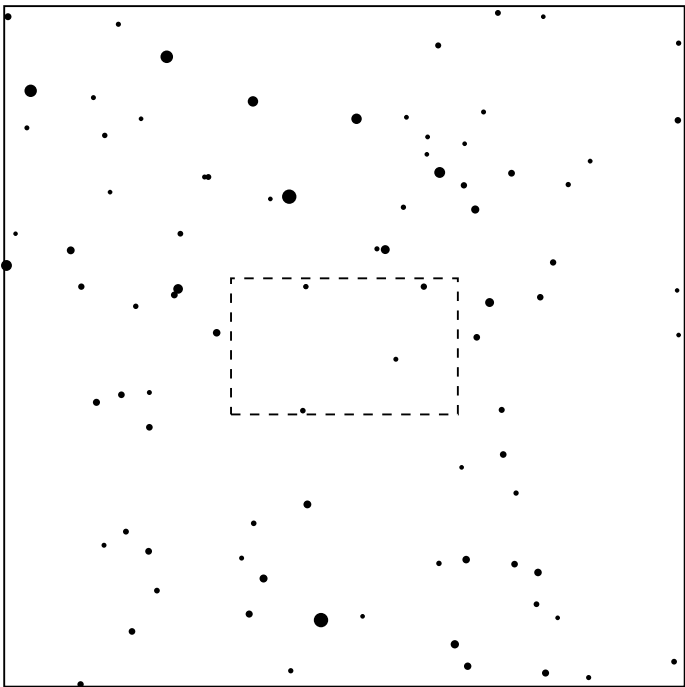


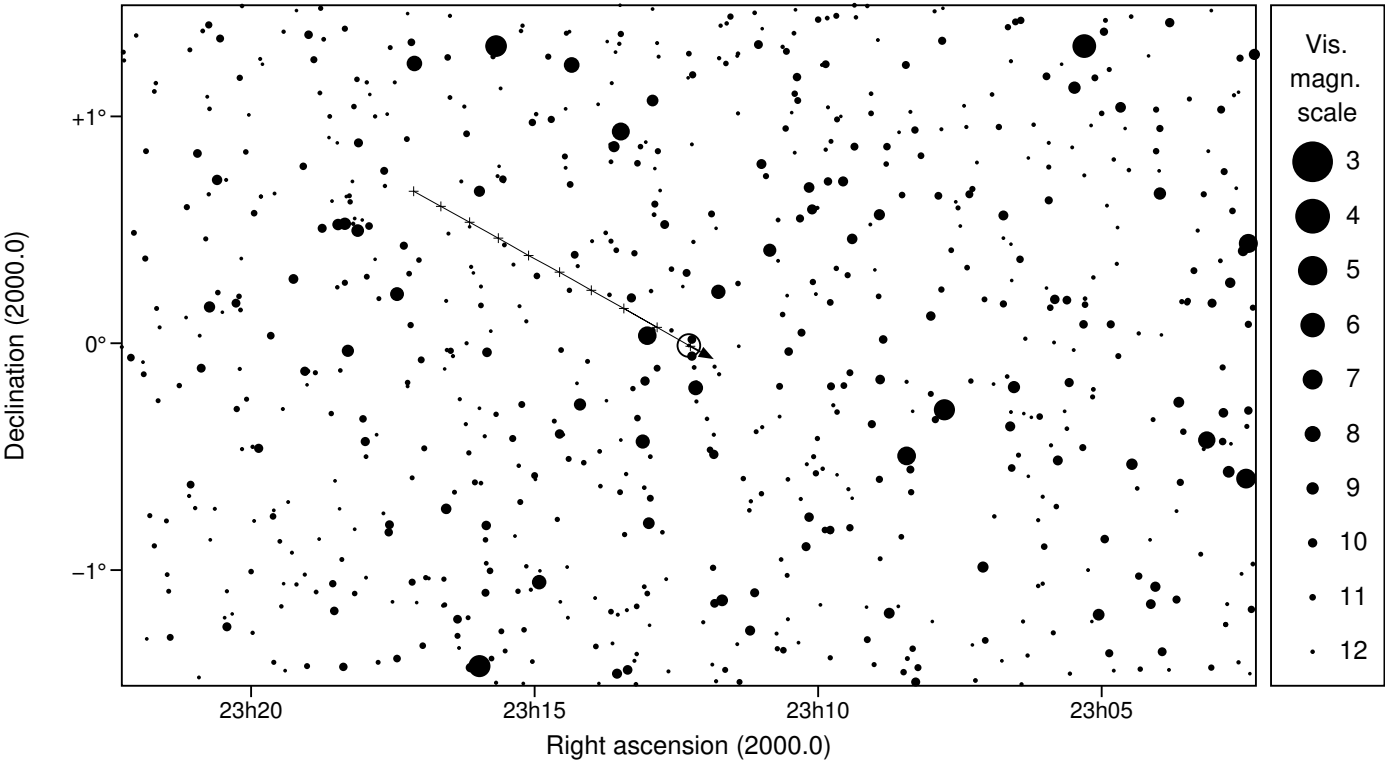
69 Hesperia & UCAC4 450-137158

2023 aug 20 22^h47.5^m U.T.

Planet:	$a = 2.98, e = 0.17$	Star:	Source cat. EDR3
V. mag. = 11.90	Diam. = 143.0 km = 0.09"	$\alpha = 23^{\text{h}}12^{\text{m}}16.429^{\text{s}}$	$\delta = -0^{\circ}00'41.79''$
$\mu = 25.99''/\text{h}$	$\pi = 3.83''$ Ref. = EG2021	Vmag = 12.41	Bmag = 12.79
$\Delta m = 0.5$	Max. dur. = 11.9s	Sun : 157°	Moon : 151° , 18%

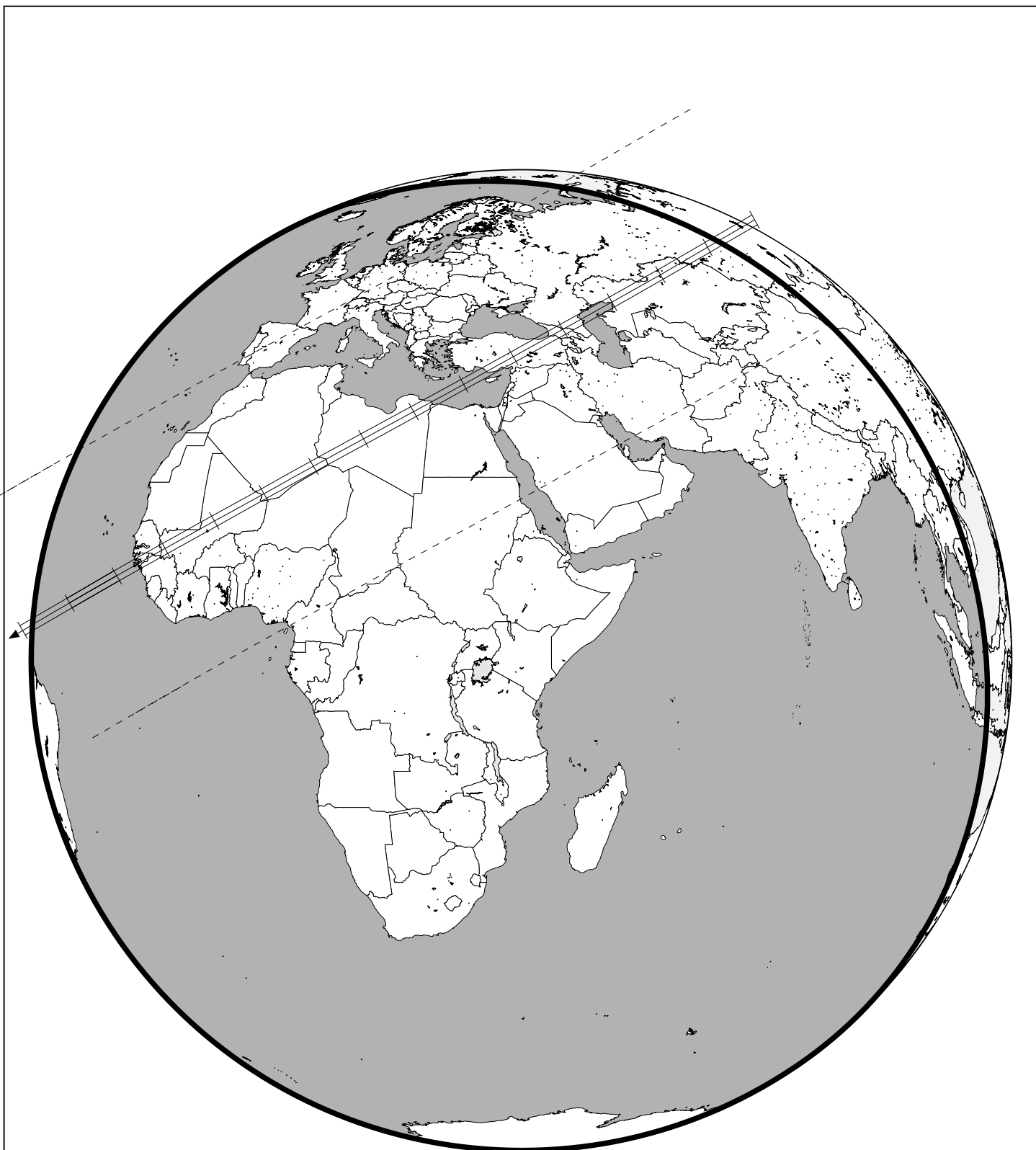


22h40m00s – 22h55m00s; int. 1m



69 Hesperia & UCAC4 450-137158

2023 aug 20 22^h47.5^m U.T.



22h40m00s – 22h55m00s; int. 1m