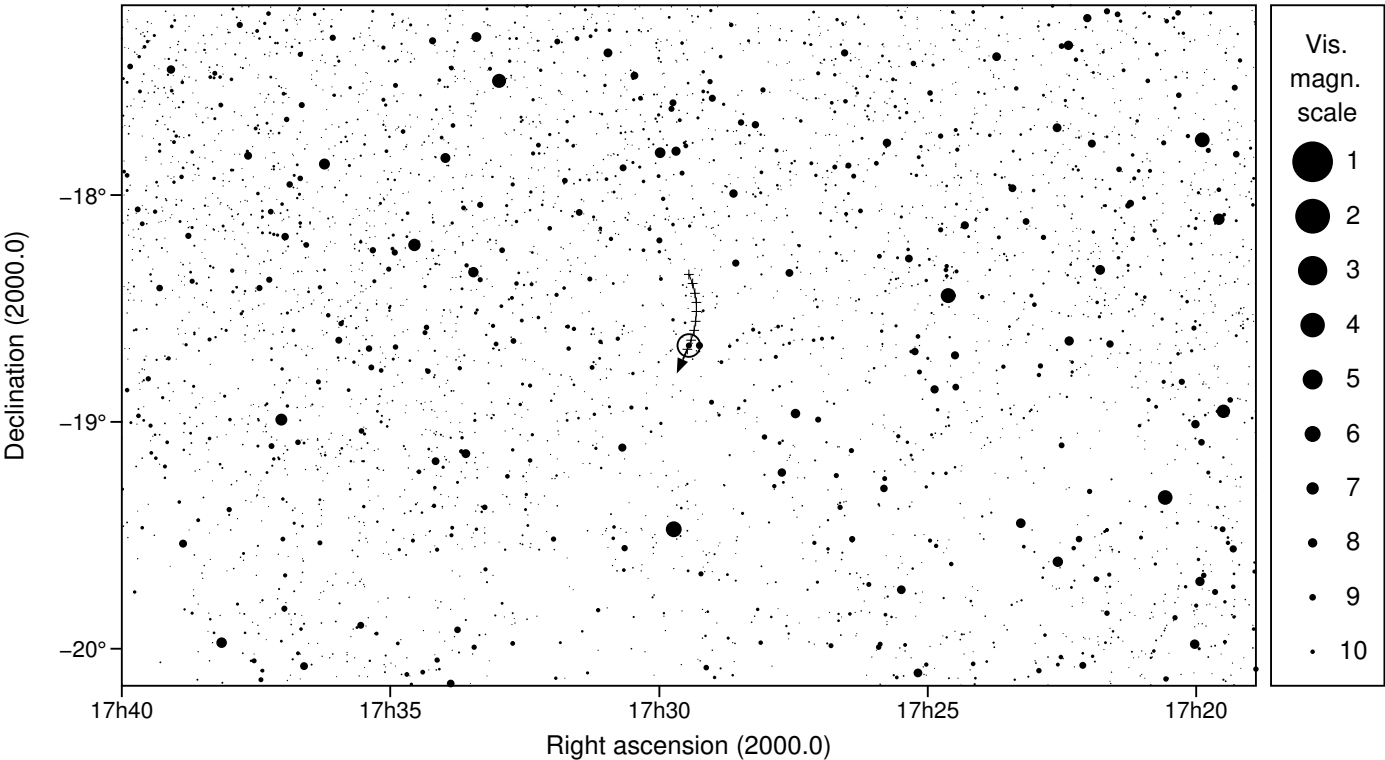
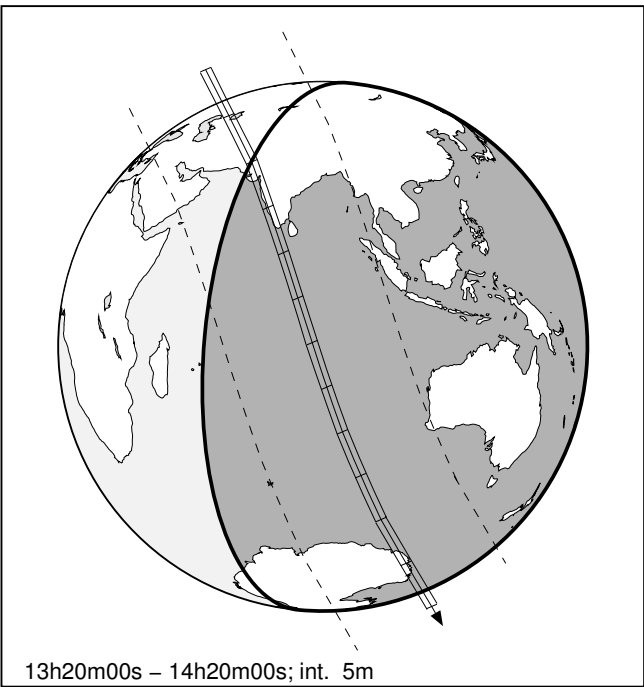
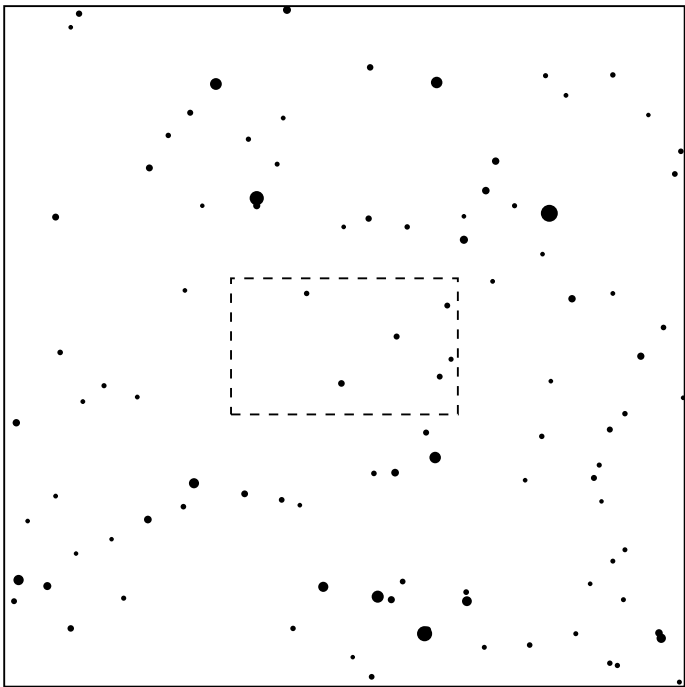


52 Europa & HIP 85591

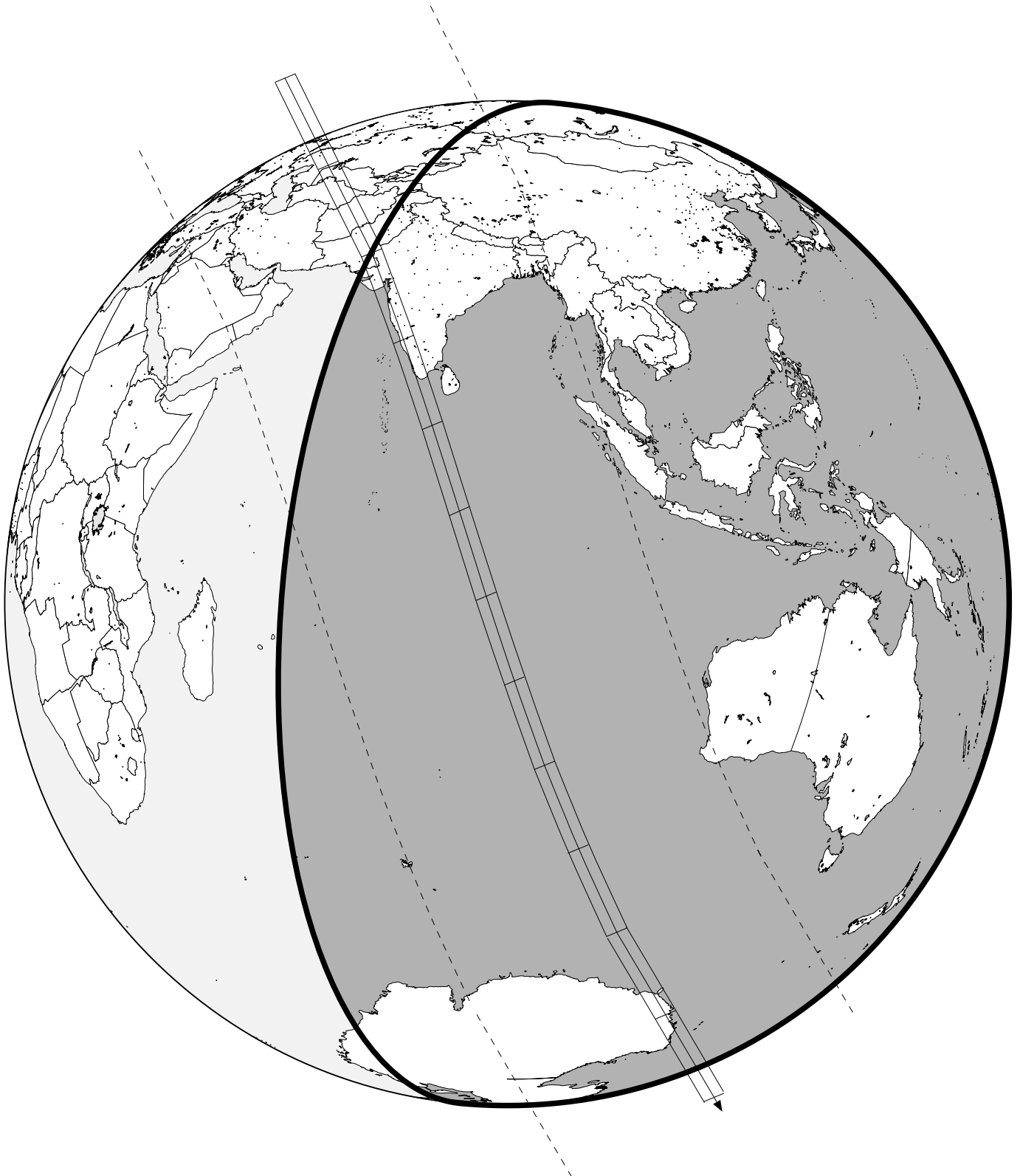
2023 aug 19 13^h50.8^m U.T.

Planet:	$a = 3.11, e = 0.10$	Star:	Source cat. EDR3
V. mag. = 12.07	Diam. = 278.0 km = 0.13"	$\alpha = 17^h29^m26.702^s$	$\delta = -18^\circ39'51.24''$
$\mu = 6.85''/h$	$\pi = 3.09''$ Ref. = EG2021	Vmag = 9.28	Bmag = 9.38
$\Delta m = 2.9$	Max. dur. = 70.7s	Sun : 116°	Moon : 82° , 9%



52 Europa & HIP 85591

2023 aug 19 13^h50.8^m U.T.



13h20m00s – 14h20m00s; int. 5m