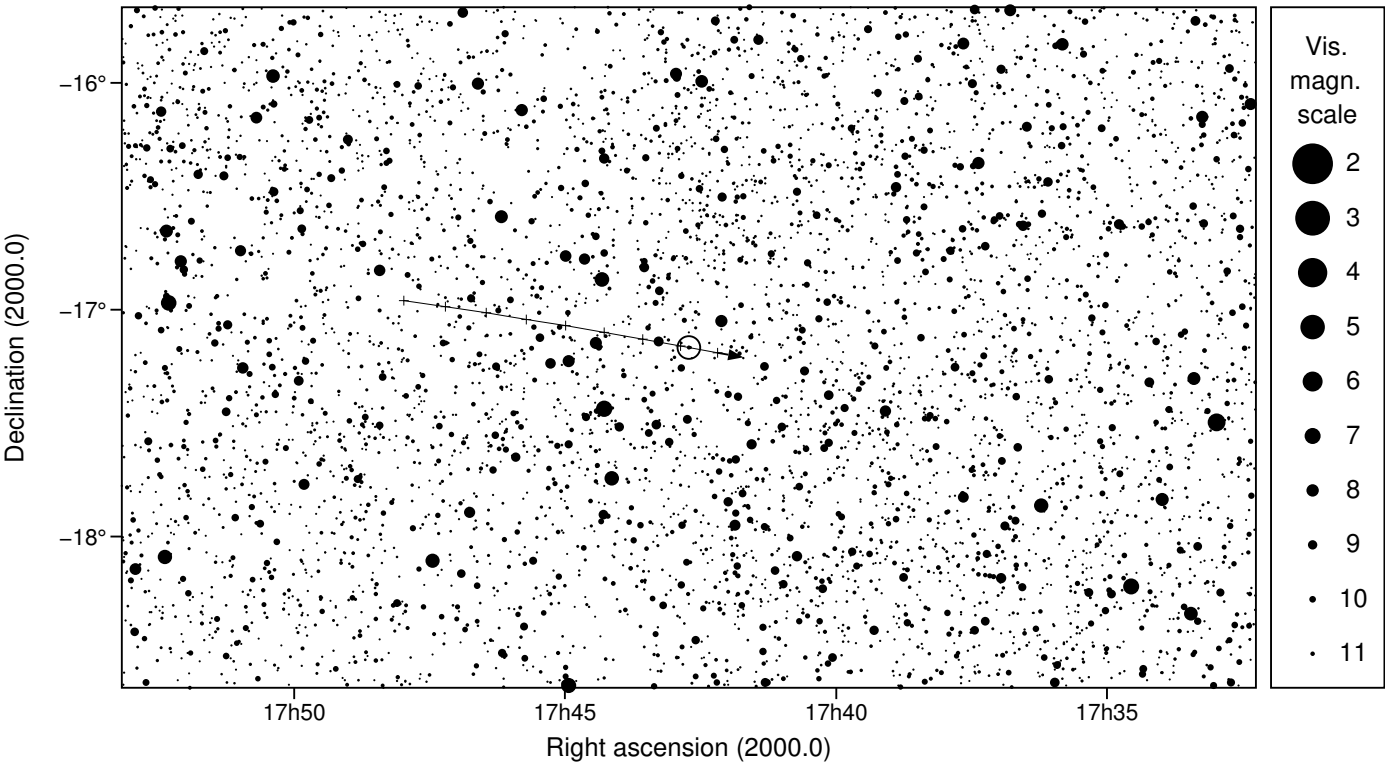
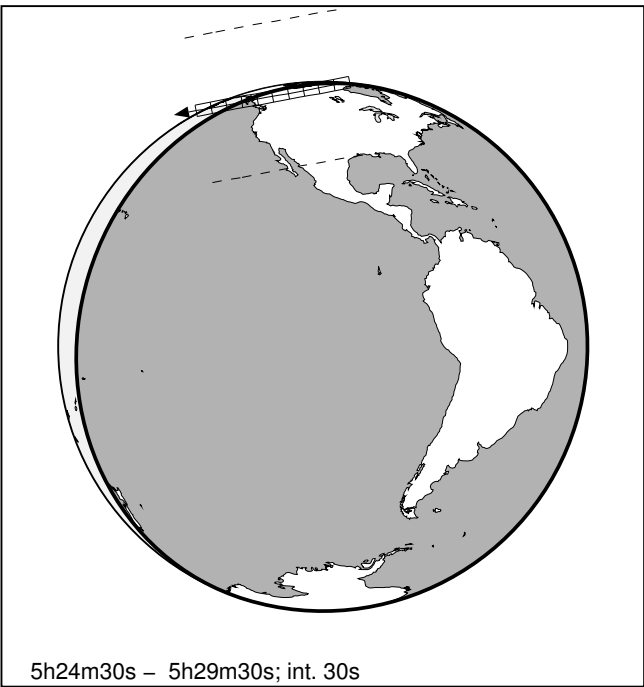
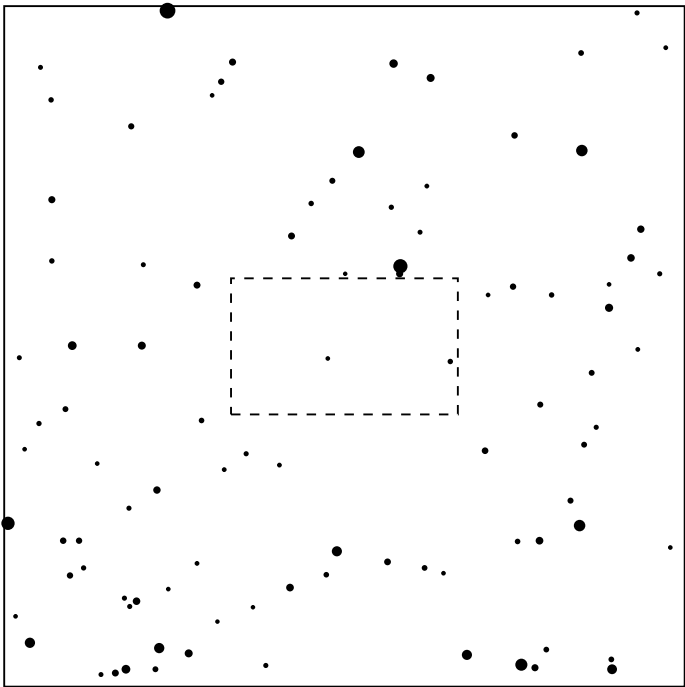


52 Europa & UCAC4 365–104647

2023 jul 10 5^h26.9^m U.T.

Planet:	a = 3.11, e = 0.10	Star:	Source cat. EDR3
V. mag. = 11.40	Diam. = 278.0 km = 0.16"	$\alpha = 17^{\text{h}}42^{\text{m}}43.096^{\text{s}}$	$\delta = -17^{\circ}09'58.10''$
$\mu = 25.01''/\text{h}$	$\pi = 3.59''$ Ref. = EG2021	Vmag = 11.21	Bmag = 12.70
$\Delta m = 0.9$	Max. dur. = 22.5s	Sun : 157°	Moon : 113° , 48%



52 Europa & UCAC4 365-104647

2023 jul 10 5^h26.9^m U.T.



5h24m30s – 5h29m30s; int. 30s