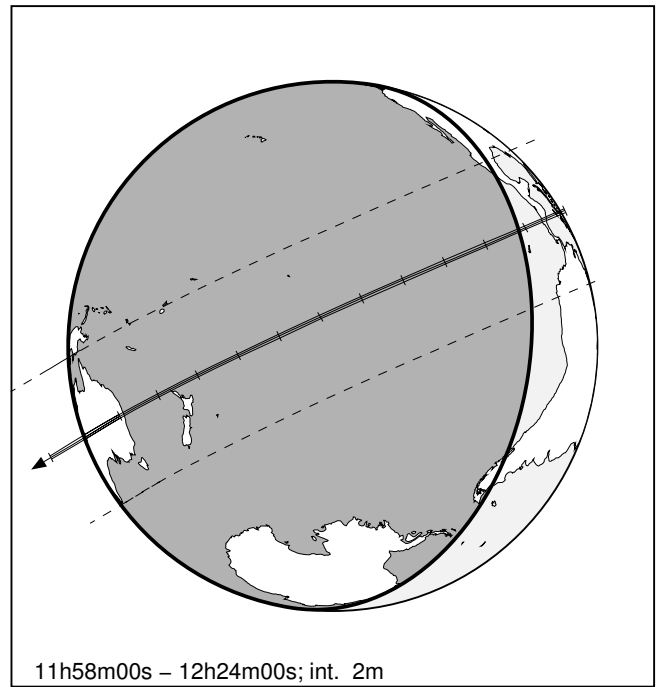
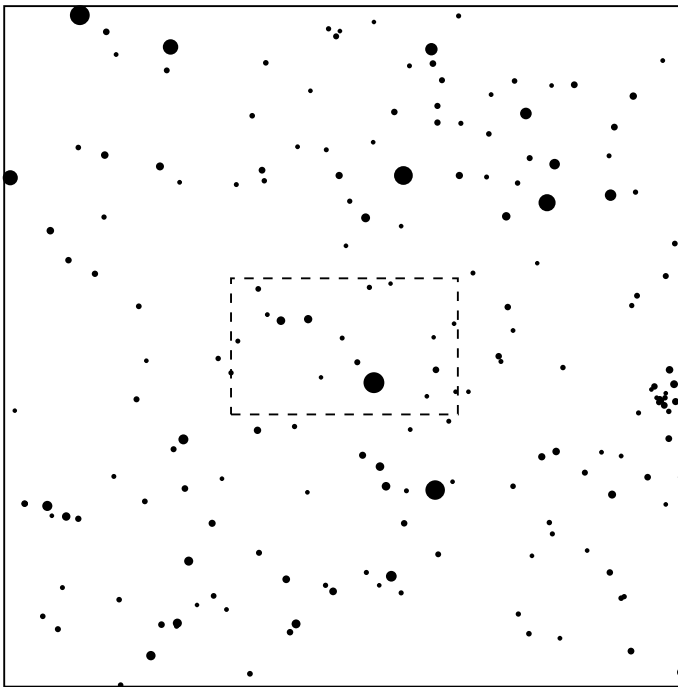


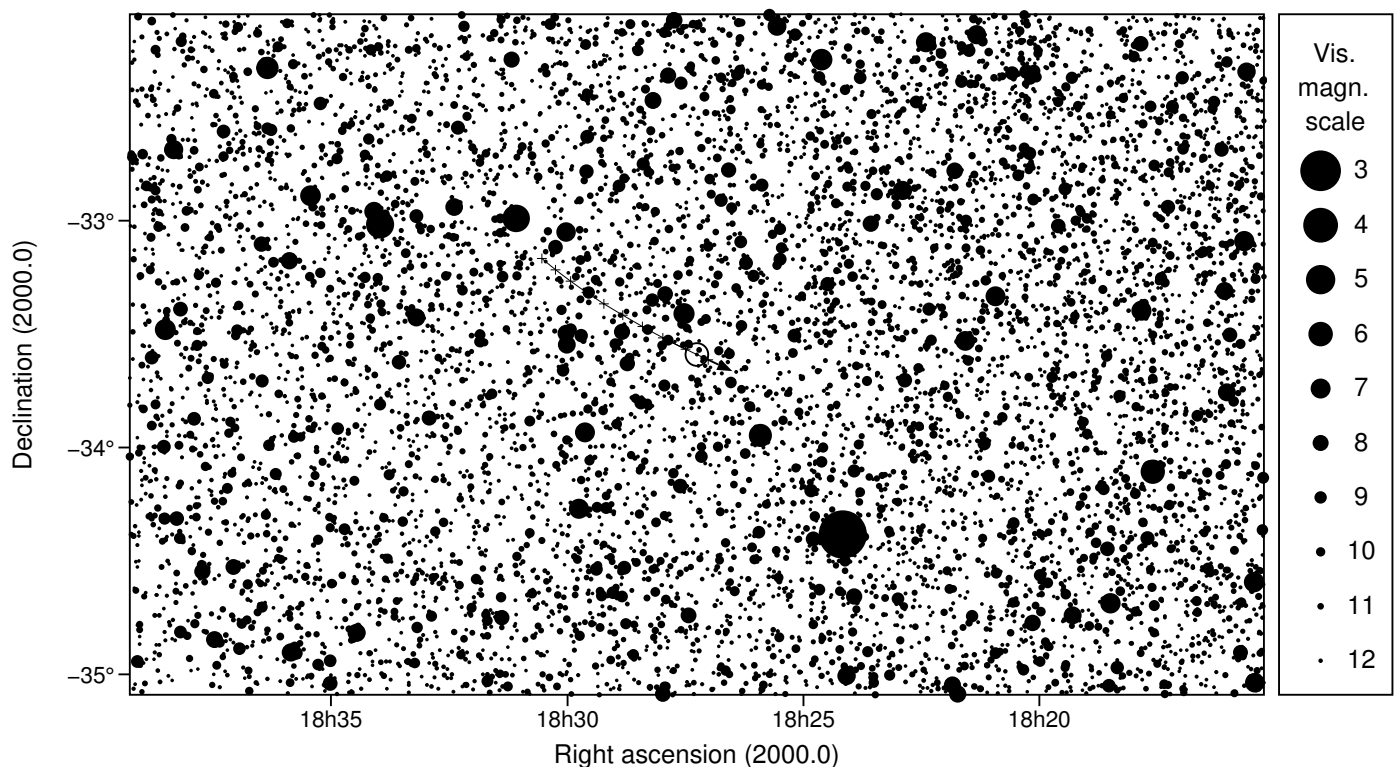
109 Felicitas & UCAC5 283-176548

2023 may 16 12^h10.1^m U.T.

Planet:	$a = 2.69, e = 0.30$	Star:	Source cat. UCAC5
V. mag. = 14.24	Diam. = 91.0 km = 0.05"	$\alpha = 18^{\text{h}}27^{\text{m}}15.476^{\text{s}}$	$\delta = -33^{\circ}35'24.04''$
$\mu = 17.03''/\text{h}$	$\pi = 3.44''$ Ref. = EG2021	Vmag = 12.34	Bmag = 13.71
$\Delta m = 2.1$	Max. dur. = 10.4s	Sun : 138°	Moon : 100° , 11%

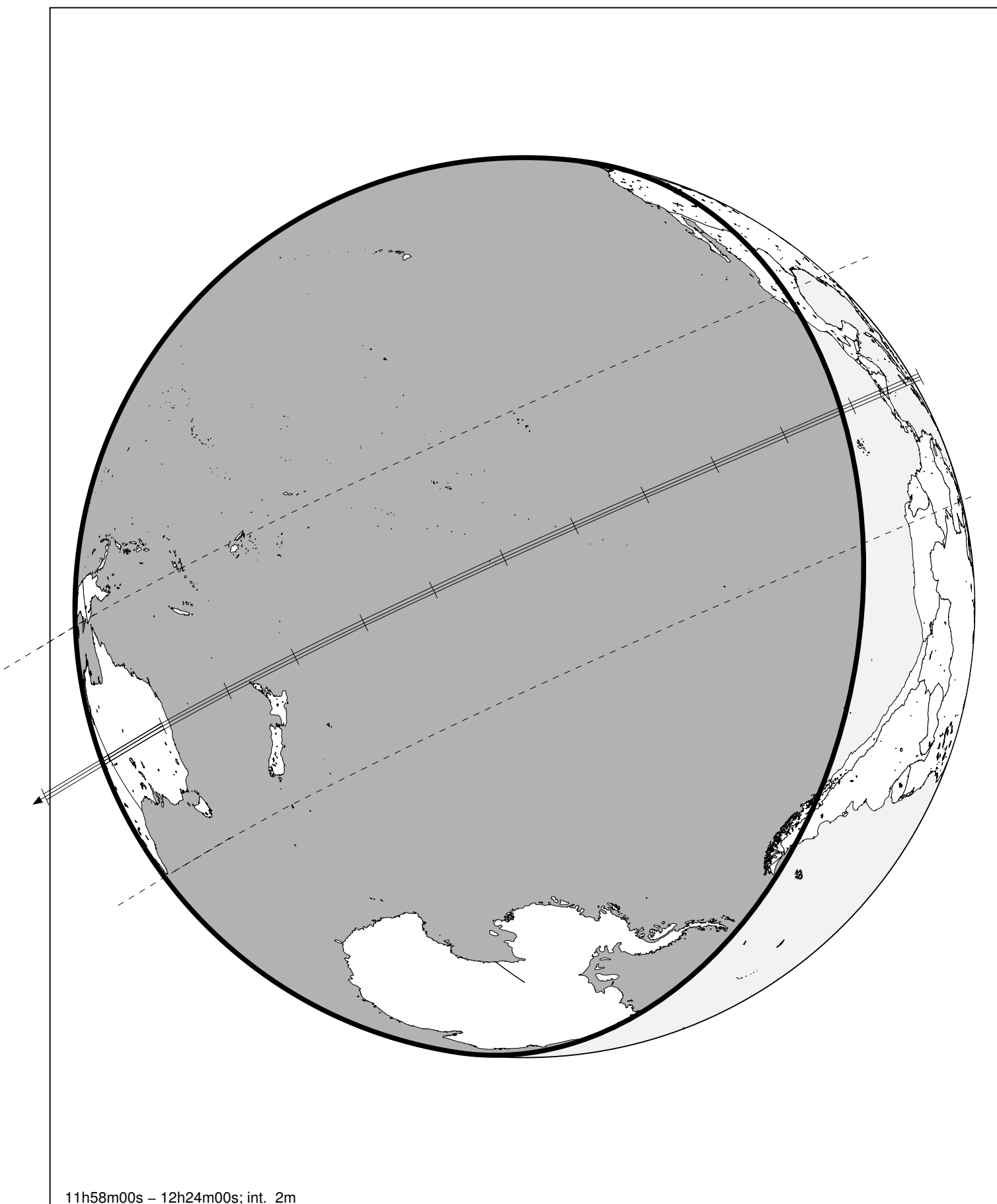


11h58m00s – 12h24m00s; int. 2m



109 Felicitas & UCAC5 283-176548

2023 may 16 12^h10.1^m U.T.



11h58m00s – 12h24m00s; int. 2m