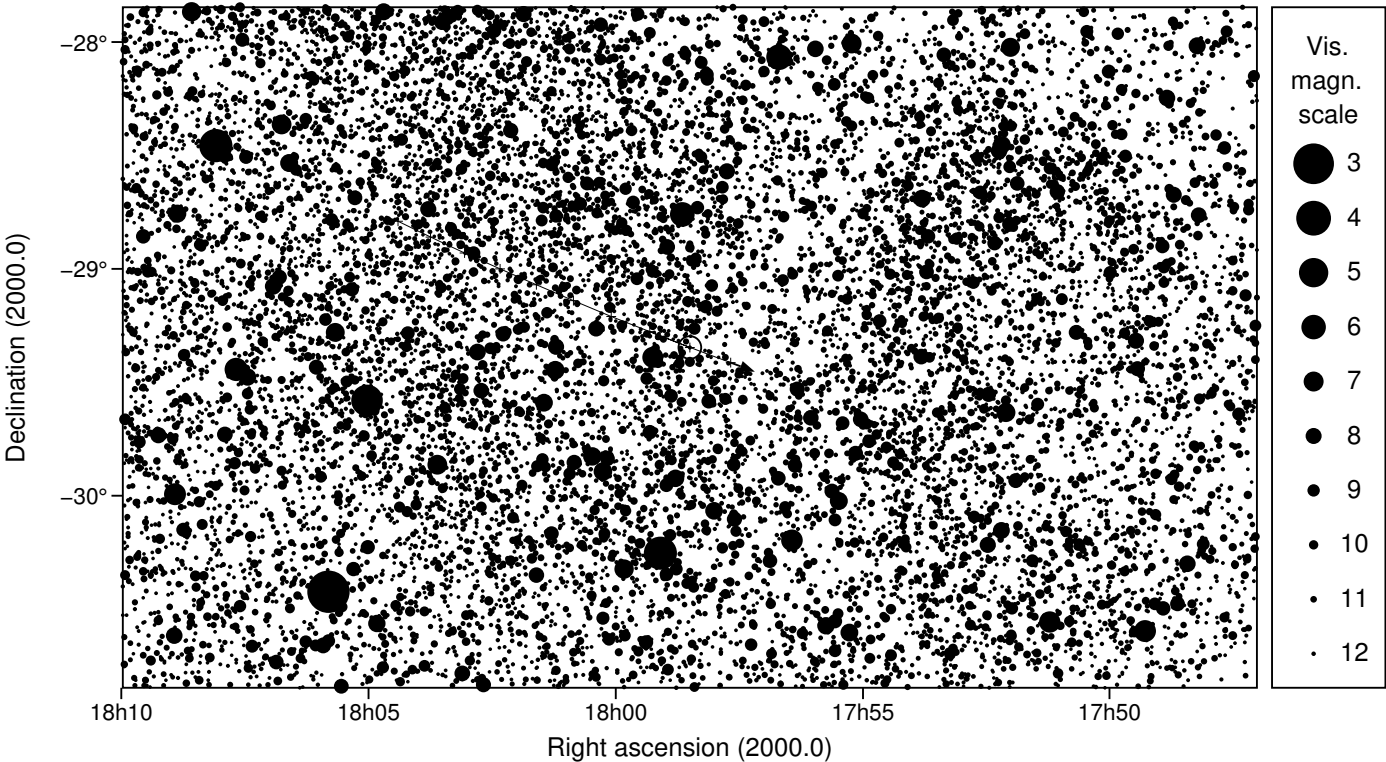
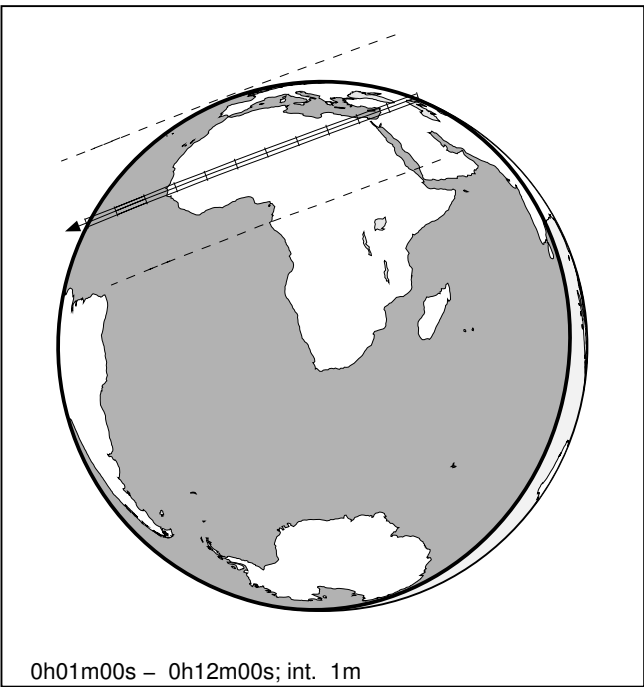
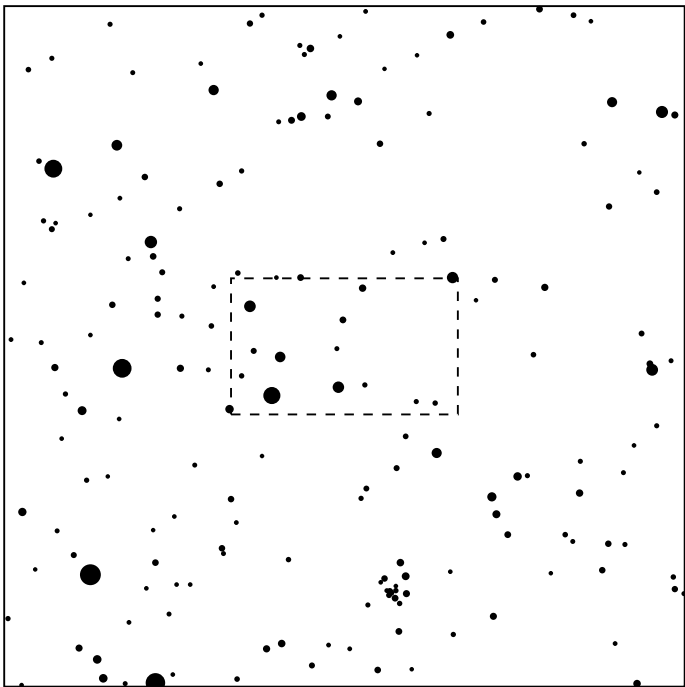


22 Kalliope & UCAC4 304-156306

2024 may 30 0^h 6.5^m U.T.

Planet:	$a = 2.91, e = 0.10$	Star:	Source cat. EDR3
V. mag. = 11.16	Diam. = 187.0 km = 0.12"	$\alpha = 17^{\text{h}}58^{\text{m}}29.773^{\text{s}}$	$\delta = -29^{\circ}20'45.02''$
$\mu = 28.44''/\text{h}$	$\pi = 3.97''$ Ref. = EG2022	Vmag = 12.16	Bmag = 12.94
$\Delta m = 0.4$	Max. dur. = 14.7s	Sun : 158°	Moon : 60° , 58%



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2024 may 30 0^h 6.5^m U.T.



0h01m00s – 0h12m00s; int. 1m