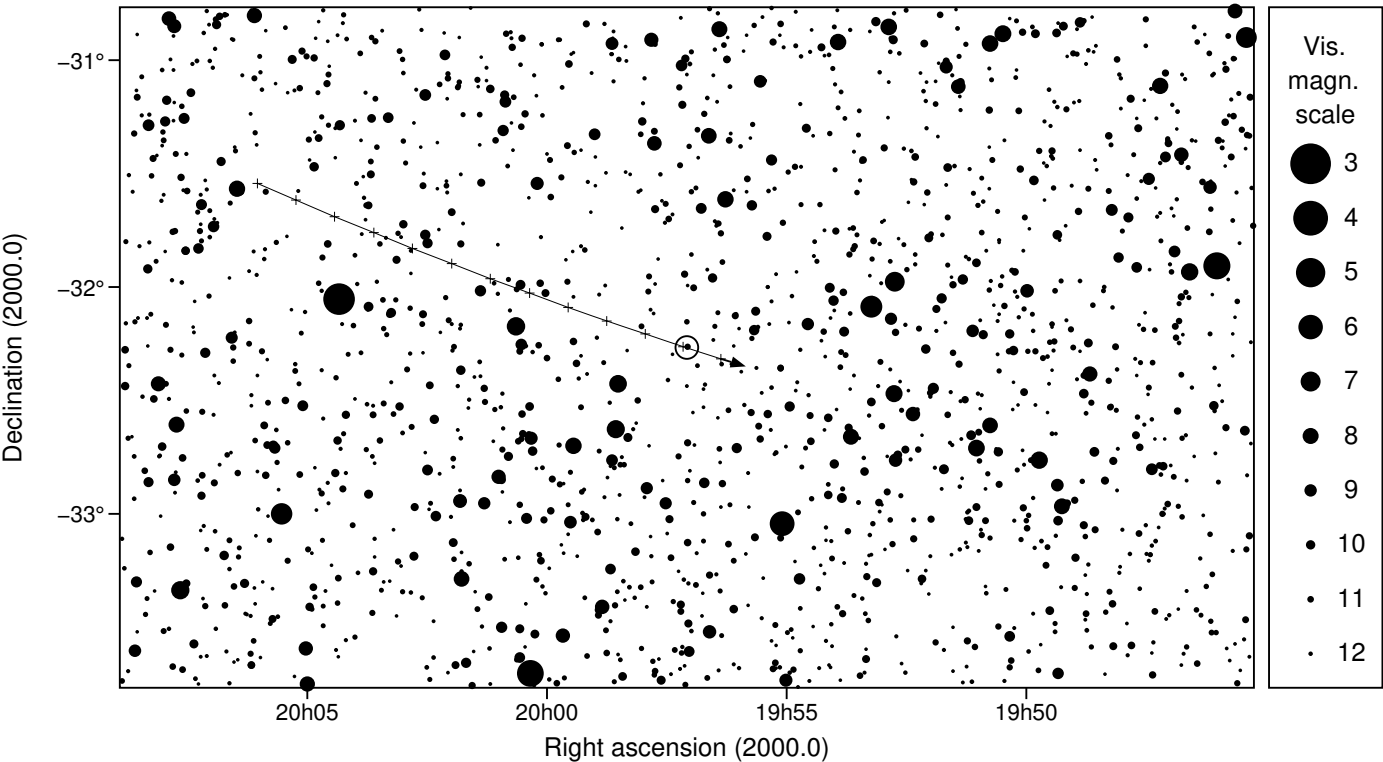
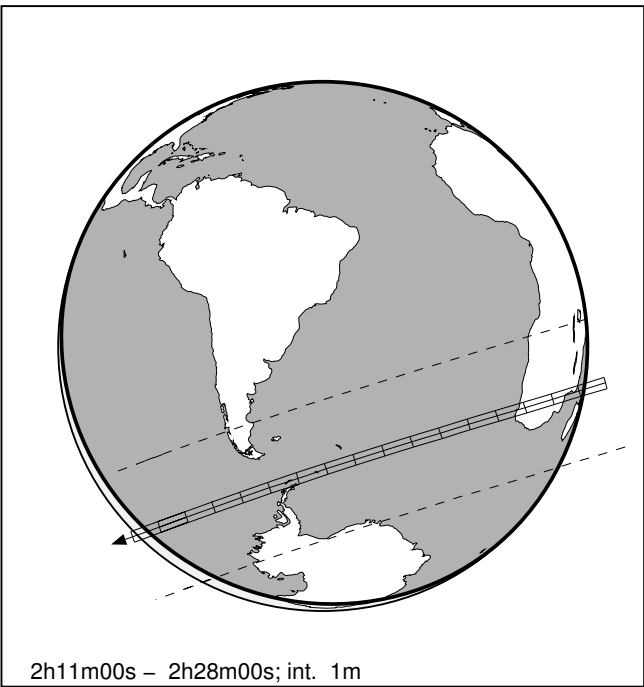
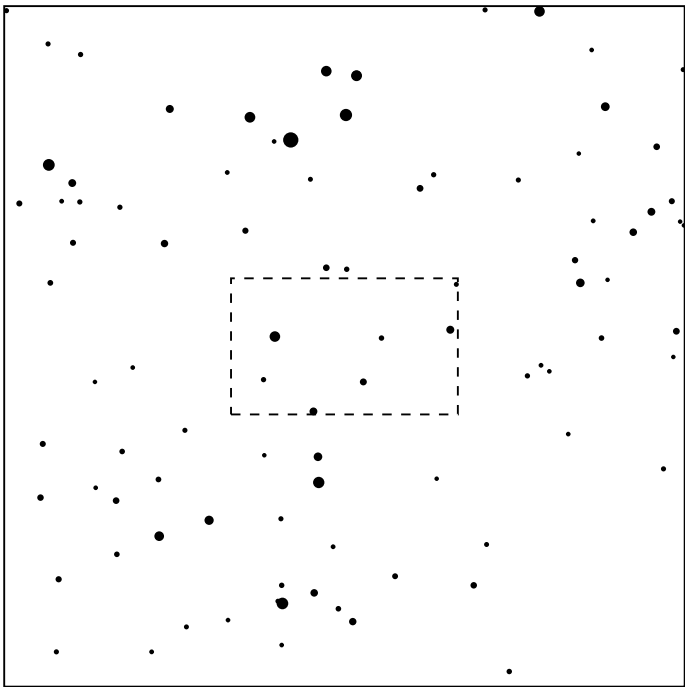


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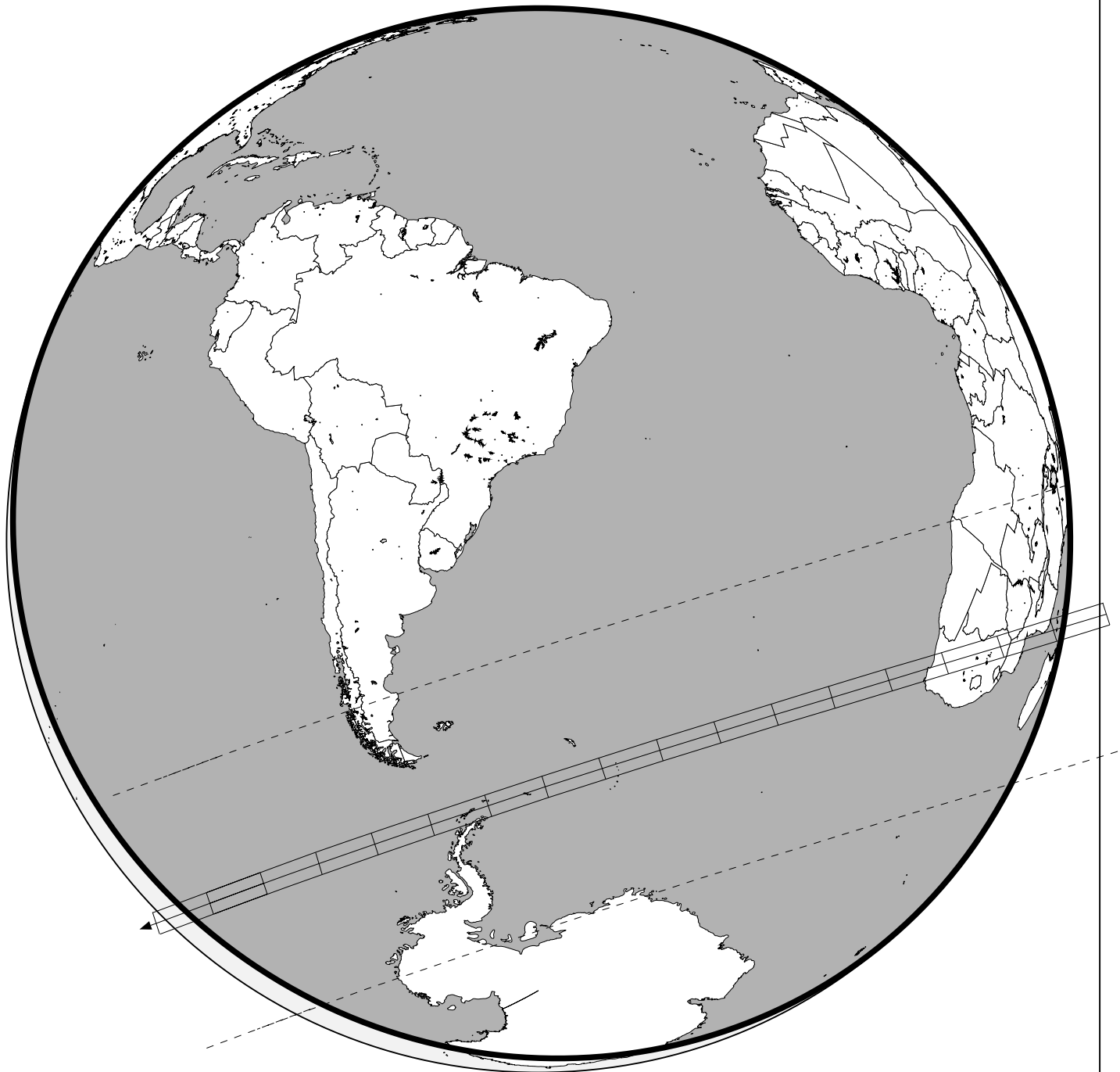
2023 jul 30 2^h19.8^m U.T.

Planet:	a = 3.49, e = 0.08	Star:	Source cat. UCAC5
V. mag. = 11.62	Diam. = 271.0 km = 0.17"	$\alpha = 19^{\text{h}}57^{\text{m}}04.689^{\text{s}}$	$\delta = -32^{\circ}16'04.83''$
$\mu = 26.39''/\text{h}$	$\pi = 3.96''$ Ref. = EG2021	Vmag = 12.43	Bmag = 12.89
$\Delta m = 0.4$	Max. dur. = 22.9s	Sun : 163°	Moon : 27° , 90%



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2h11m00s – 2h28m00s; int. 1m