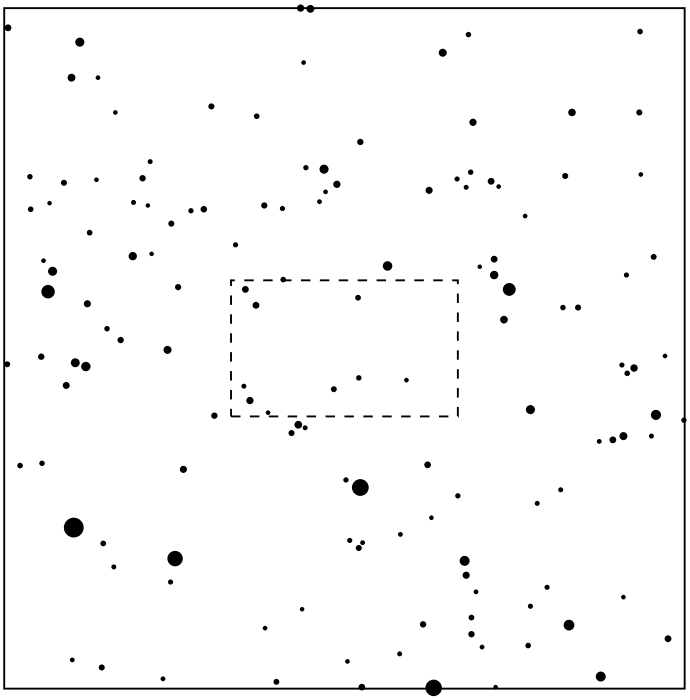
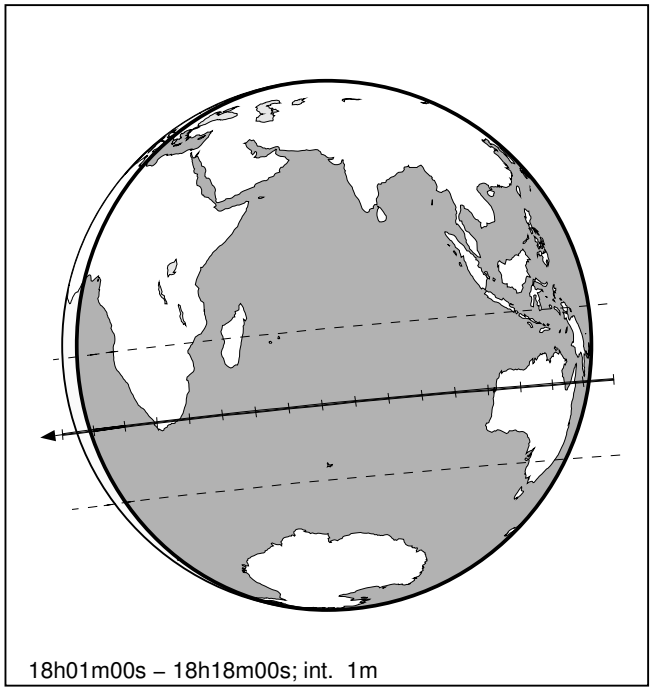
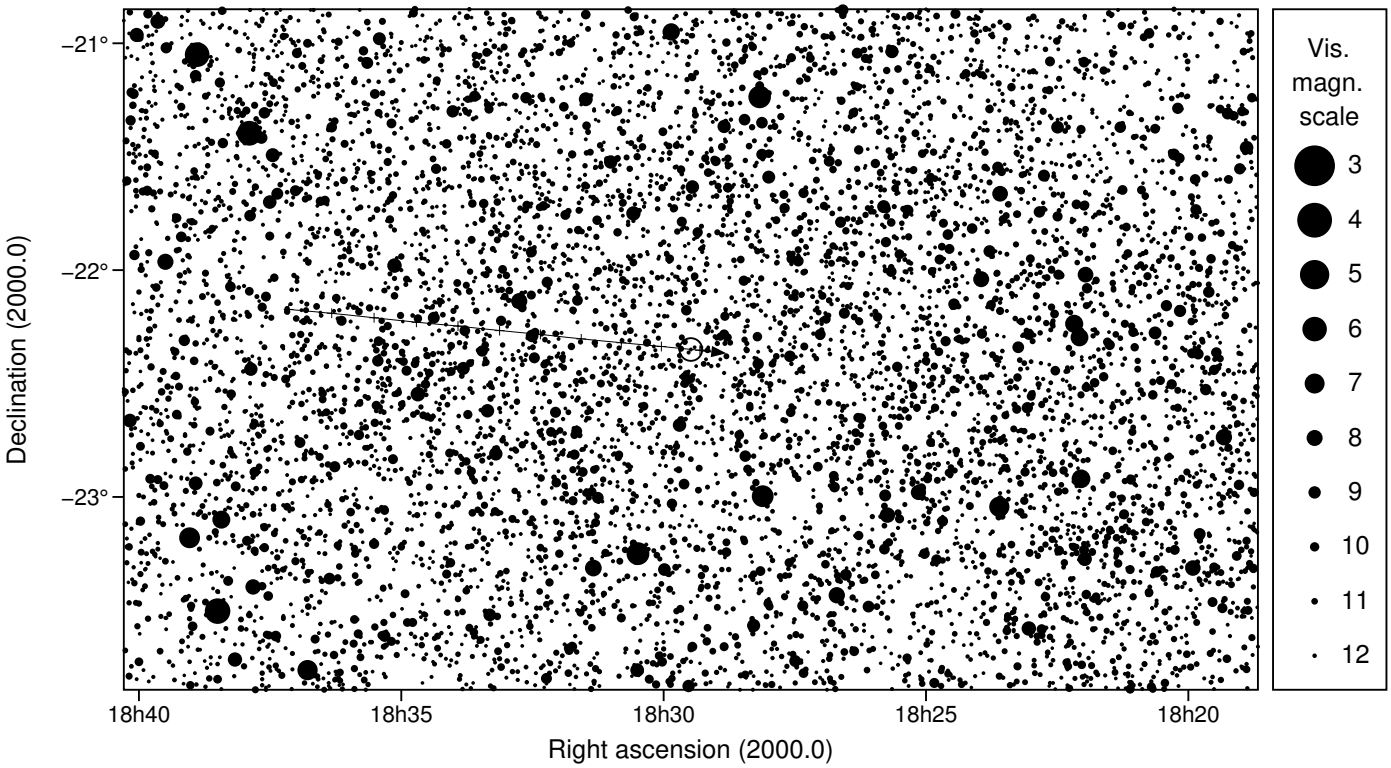
515 Athalia & HSOY 083062383

2018 jul 18 18^h 9.7^m U.T.

Planet:	a = 3.14, e = 0.17	**Star:**	Source cat. HSOY
V. mag. = 16.38	Diam. = 43.0 km = 0.02"	$\alpha = 18^h29^m28.993^s$	$\delta = -22°21'04.89"$
μ = 25.88"/h	π = 3.50" Ref. = EG2016	Vmag = 12.31	Bmag = 12.72
Δm = 4.1	Max. dur. = 3.3s	Sun : 160°	Moon : 84° , 39%







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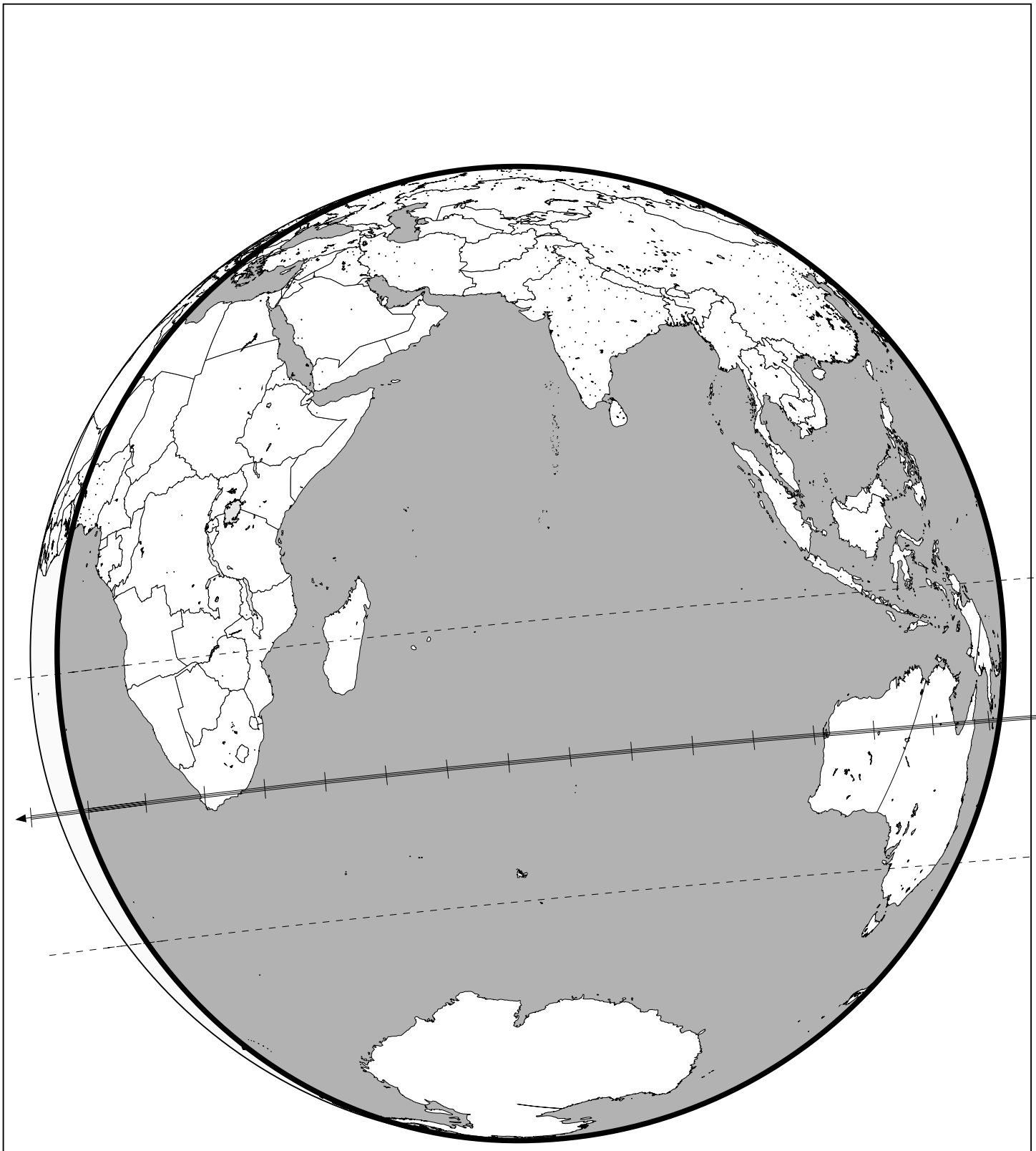

18h01m00s – 18h18m00s; int. 1m