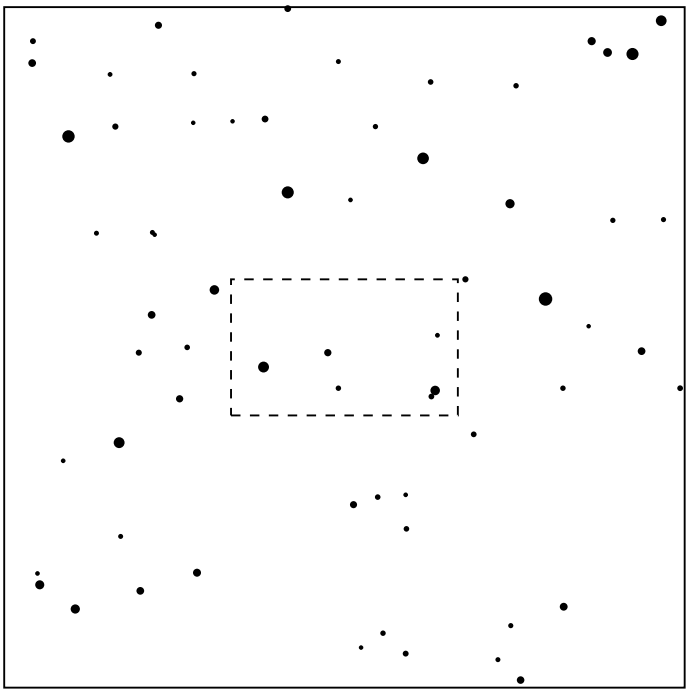
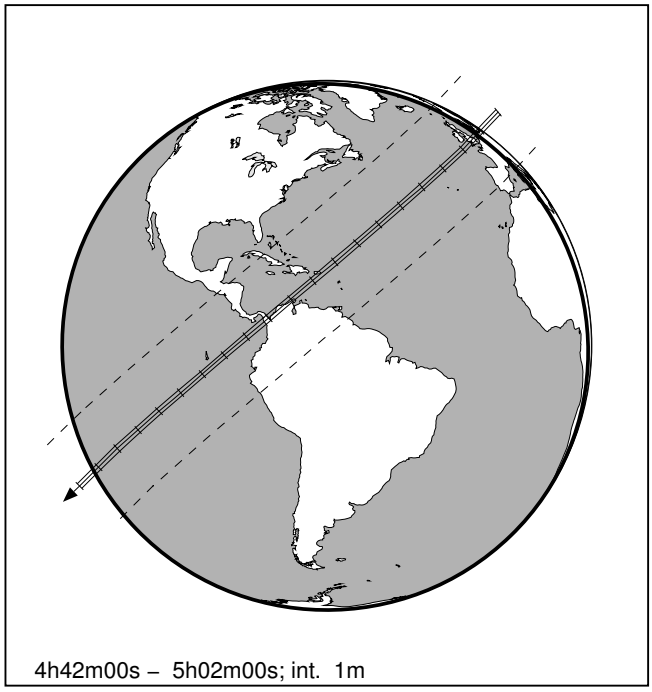
238 Hypatia & HSOY 457879411

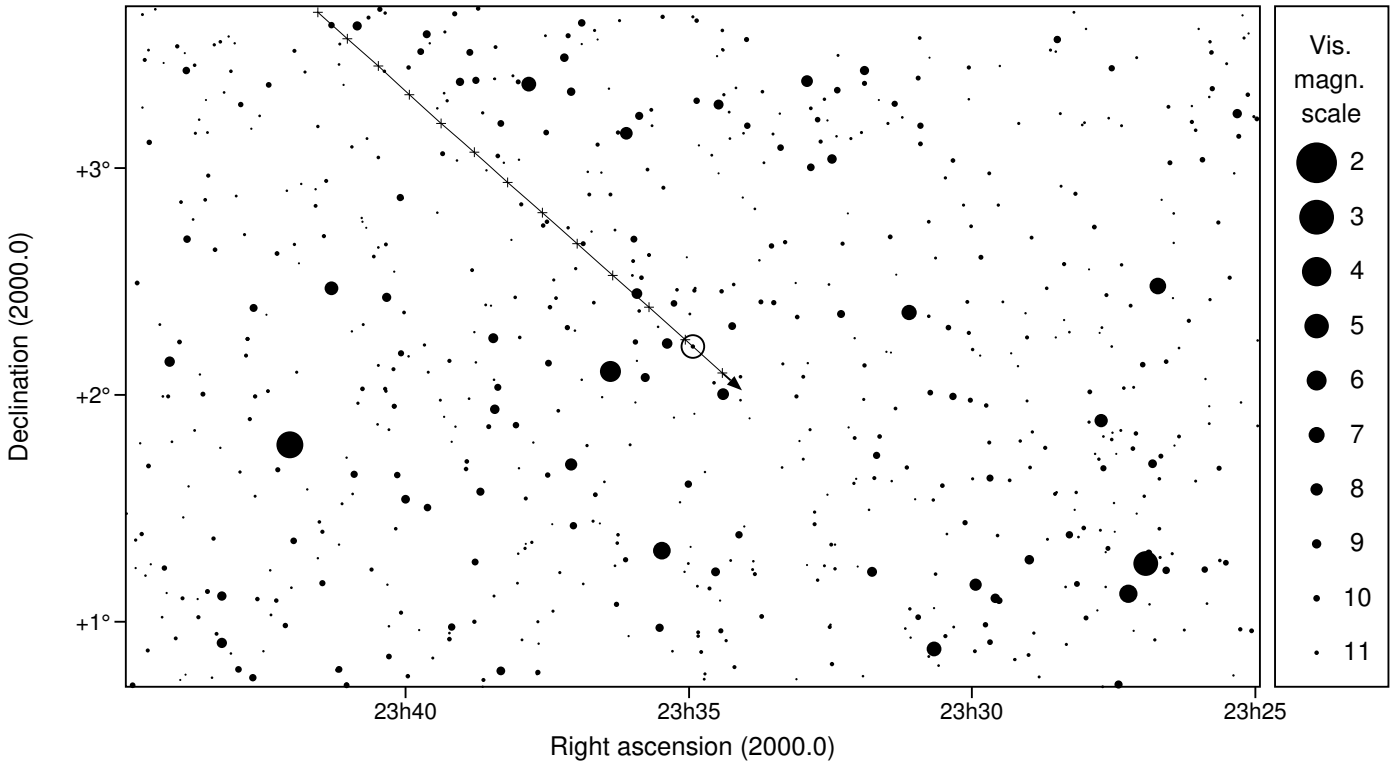
2018 sep 6 $4^h52.1^m$ U.T.

Planet:	a = 2.91, e = 0.09		**Star:**	Source cat. HSOY
V. mag. = 11.92	Diam. = 156.0 km = 0.13"		$\alpha = 23^h34^m55.709^s$	$\delta = +2°12'45.00"$
μ = 32.70"/h	π = 5.12"	Ref. = EG2016	Vmag = 11.09	Bmag = 11.77

Δm = 1.3	Max. dur. = 13.8s	Sun : 167°	Moon : 119° , 17%

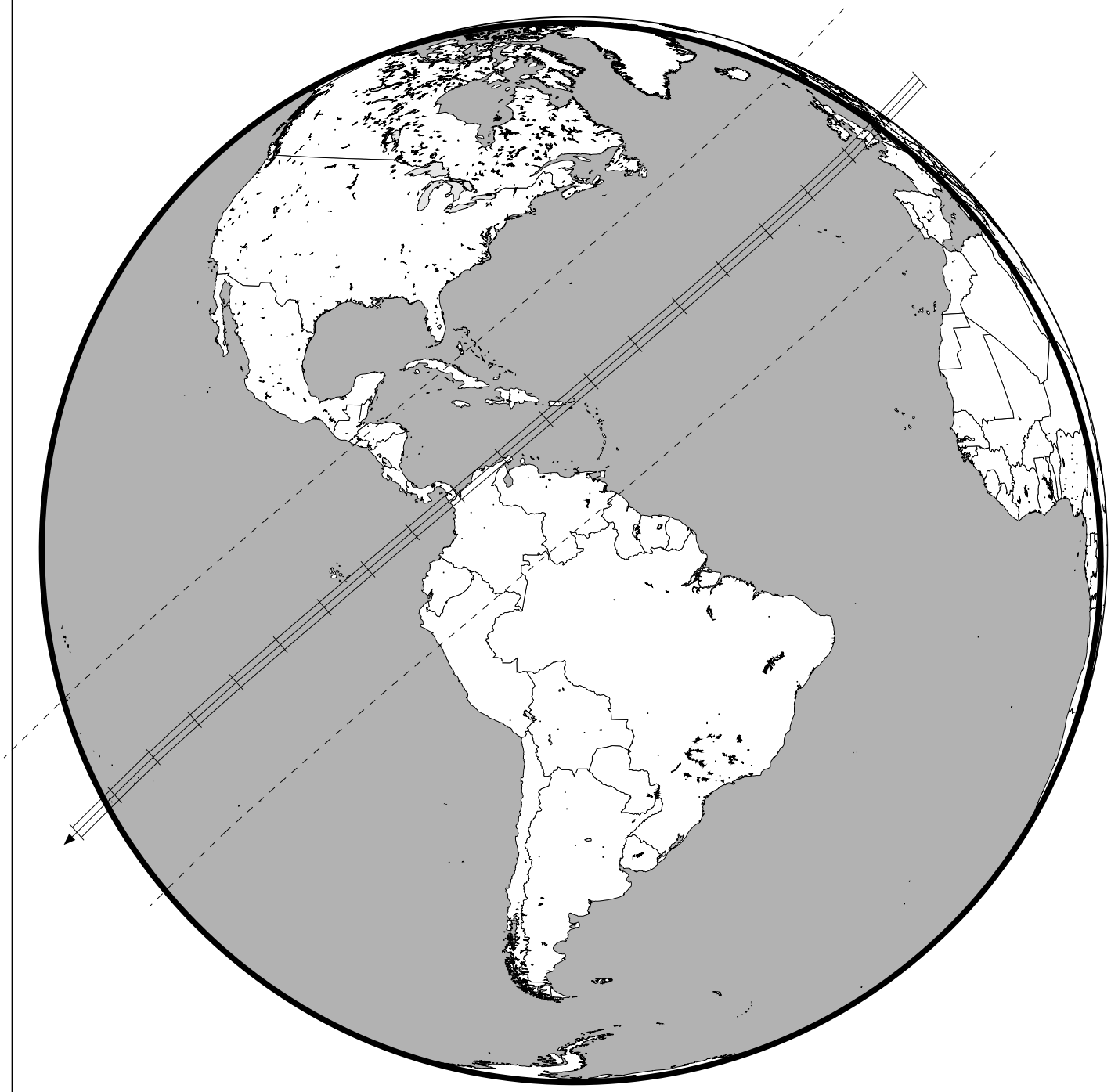






238 Hypatia & HSOY 457879411

2018 sep 6 $4^h52.1^m$ U.T.



4h42m00s – 5h02m00s; int. 1m