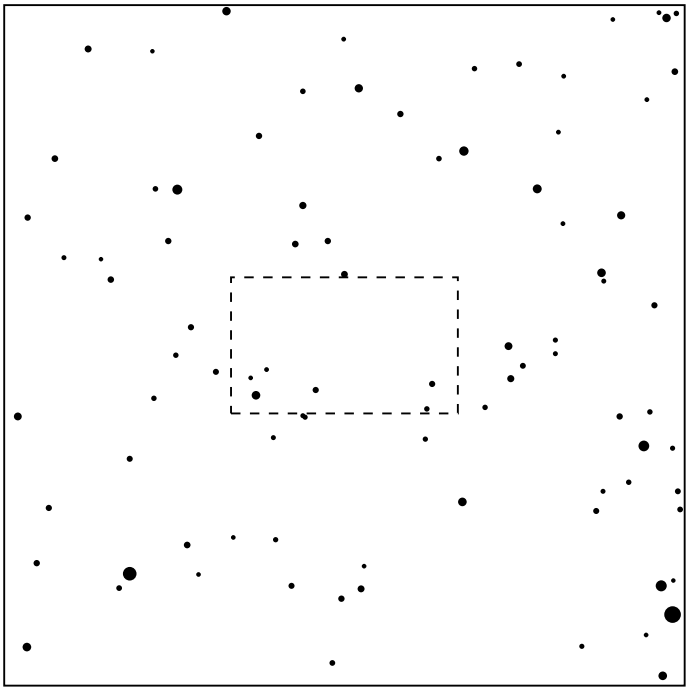
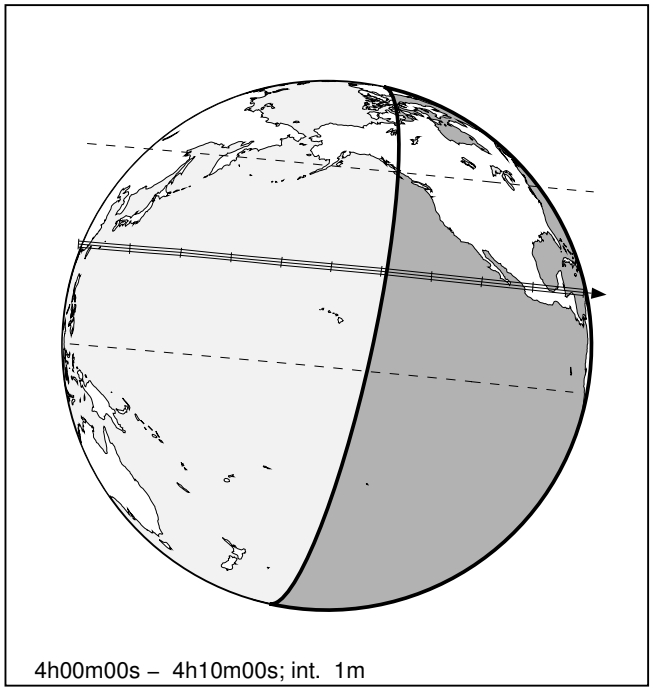
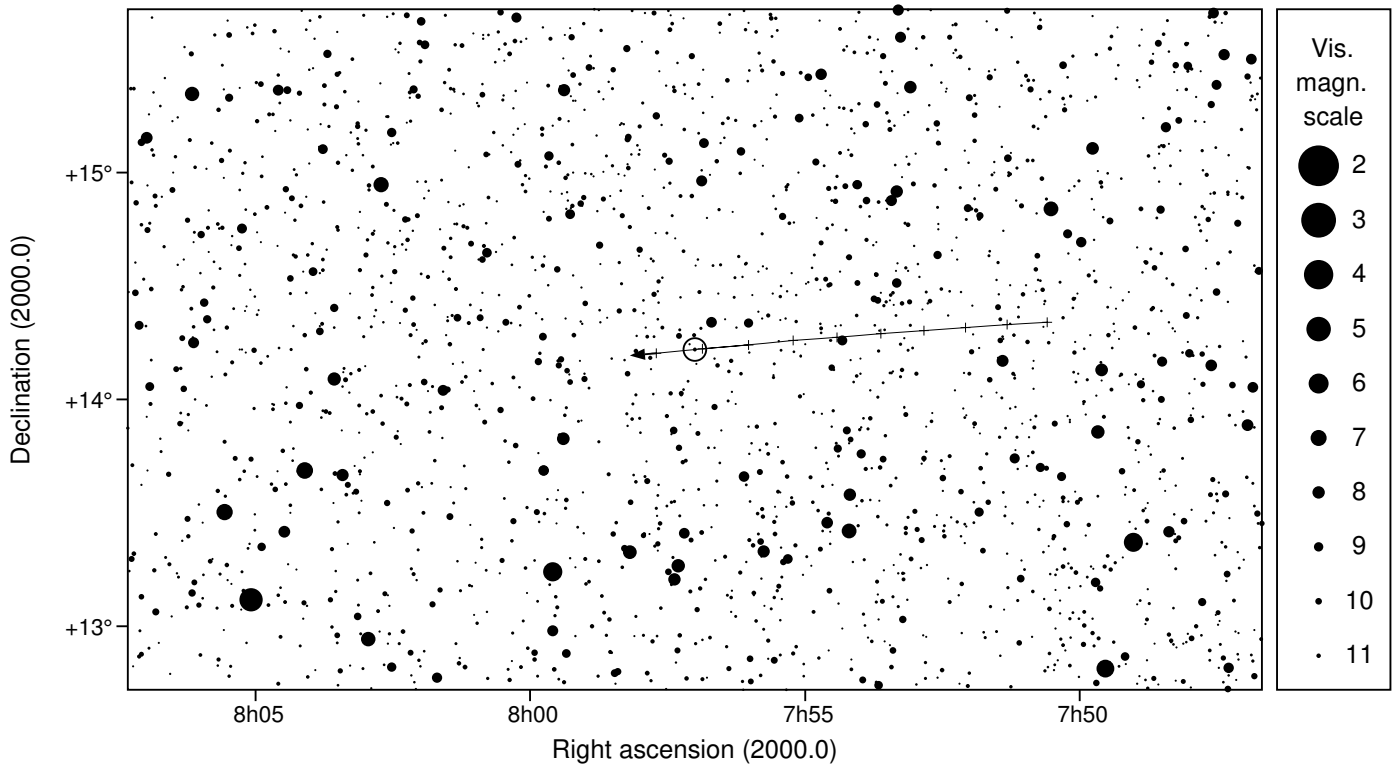
420 Bertholda & UCAC5 522–041521

2019 apr 29 4^h 5.1^m U.T.

Planet:	a = 3.42, e = 0.05	**Star:**	Source cat. UCAC5
V. mag. = 14.45	Diam. = 146.0 km = 0.06"	$\alpha = 7^h57^m00.231^s$	$\delta = +14°13'17.10"$
$\mu =$ 30.57"/h	$\pi =$ 2.64" Ref. = EG2017	Vmag = 11.32	Bmag = 11.43
Δm = 3.2	Max. dur. = 7.1s	Sun : 80°	Moon : 145° , 29%

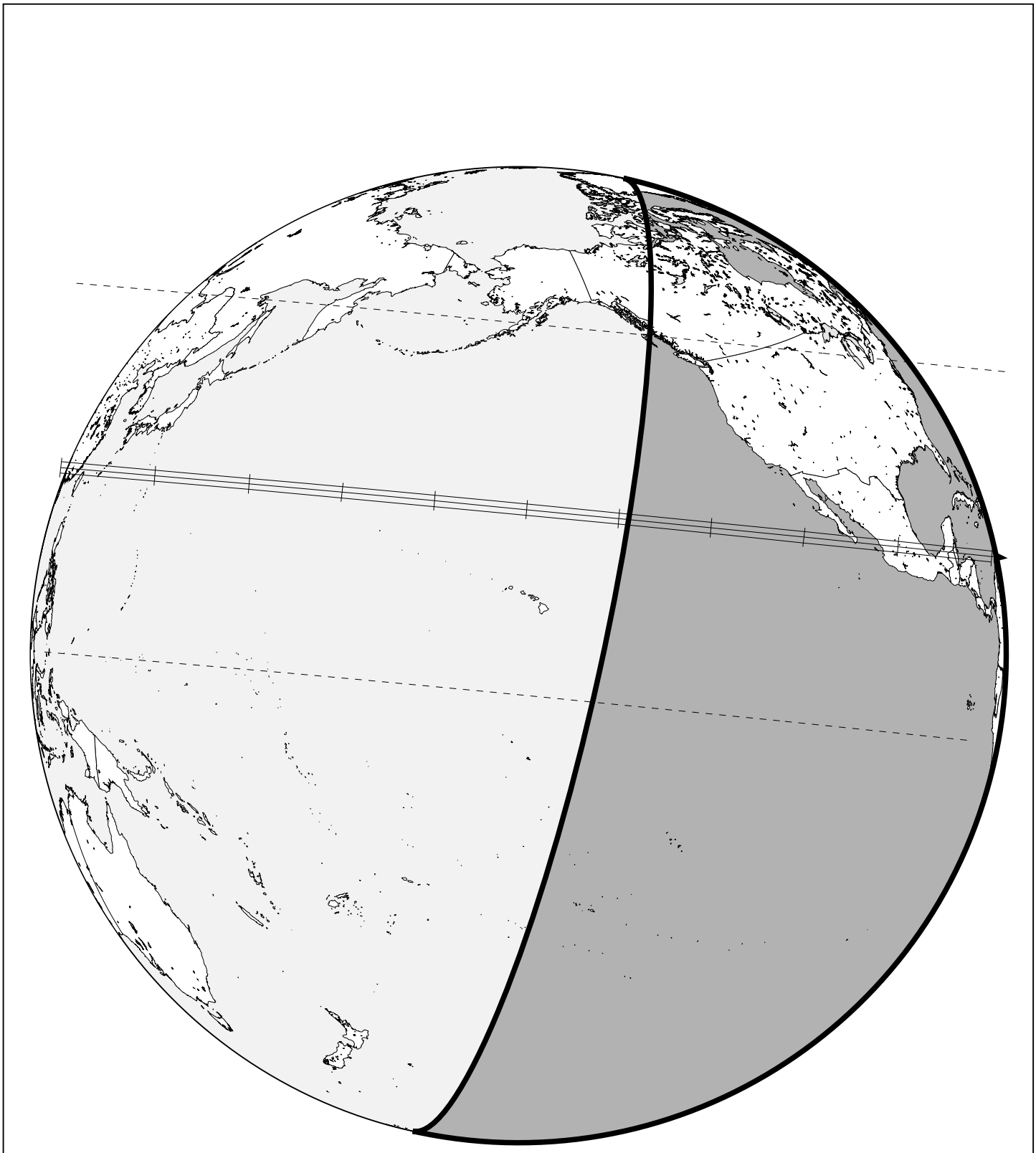






420 Bertholda & UCAC5 522–041521

2019 apr 29 4^h 5.1^m U.T.



4h00m00s – 4h10m00s; int. 1m